

## Industrial Connecting Solutions

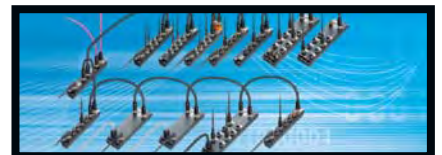




| Table of Content  | Page           |
|---|----------------|
| <b>Introduction</b>   | <b>6–13</b>    |
| Fieldbus-Systems Local  | 6–7            |
| Connectors and Cables   | 8–12           |
| Customer Specific Solutions   | 13             |
| <b>Compact I/O Modules</b>  | <b>14–35</b>   |
| Lumberg Automation™ IP67 modules, Connectors and Accessories for wiring at the field level.   |                |
| AS-Interface  | 14–17          |
| Interbus®   | 18–19          |
| Profibus®   | 20–24          |
| CANopen®  | 25–27          |
| DeviceNet™  | 28–32          |
| Industrial Ethernet   | 33–35          |
| <b>Modular I/O Systems</b>  | <b>36–39</b>   |
| Lumberg Automation™ IP67 I/O systems for wiring at the field level.   |                |
| LioN-Link-series: Modular fieldbus independent distribution system.   | 36–39          |
| <b>Actuator/Sensor Distribution Boxes</b>   | <b>40–42</b>   |
| Passive Lumberg Automation™ distributors with M8 and M12 sockets for effective bundling of parallel wiring.   |                |
| Actuator/sensor distributors  | 40–42          |
| <b>Circular Connectors (Actuators, Sensors and Distributors)</b>  | <b>43–80</b>   |
| Lumberg Automation™ Single and Double Ended Cordsets for Actuators, Sensors and Distribution Boxes, Field Attachable Connectors and Receptacles, T-connectors (Splitters) and Adaptors. |                |
| M8 Circular Connectors according to IEC 61076-2-104   | 43–48          |
| M12 Circular Connectors according to IEC 61076-2-101  | 49–63          |
| 7/8" Circular Connectors  | 64–65          |
| M23 Circular Connectors   | 66–68          |
| T-connectors (Splitters)/Adaptors   | 69–71          |
| Cordsets, Double-ended, for Actuators, Sensors and Distribution Boxes   | 72–80          |
| <b>Rectangular Connectors (Actuators and Sensors)</b>   | <b>81–109</b>  |
| Hirschmann™ Actuator/Sensor Rectangular Connectors and Cables according to EN 175301-803 (DIN 43650)/ISO 4400.  |                |
| Rectangular Connectors and Cables GDM-Series, Form A  | 81–98          |
| Rectangular Connectors and Cables GDM-Series, Form B  | 99–104         |
| Rectangular Connectors and Cables GDM-Series, Form C  | 105–106        |
| Accessories   | 107–109        |
| <b>Circular and Rectangular Connectors (Industry)</b>   | <b>110–139</b> |
| Hirschmann™ Industrial Connectors   |                |
| Rectangular Connectors G-series   | 110–115        |
| Rectangular Connectors ST-series  | 116–121        |
| Circular Connectors CA-series   | 122–124        |
| Circular Connectors CM-series according to MIL-C-5015 or VG 95342   | 125–128        |
| Circular Connectors NR-series   | 129–134        |
| Accessories   | 135–139        |
| <b>Index</b>  | <b>140–163</b> |



Compact I/O Modules



Modular I/O Systems



Actuator/Sensor Distribution Boxes



Circular Connectors (Actuators, Sensors and Distributors)



Rectangular Connectors (Actuators and Sensors)



Circular and Rectangular Connectors (Industry)

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## Fieldbus-Systems Local



### LioN Series

In order to ensure high availability of machines and plants, the I/O modules installed in harsh industrial environments must be able to meet the highest electro-mechanical demands. Due to the material of the housing and the casting techniques, the LioN modules provide absolute protection for the electronics. The LioN Classic modules are available with M23 connection technology for hybrid cables (power supply and bus line in a single cable) or with M12 plug connectors for a separate voltage supply.

Because of their compact construction, the LioN-S modules with M8 connections are optimally suitable for plants where space is limited. In addition to the small dimensions, the modules of this series can be fixed at the front, at the side and directly on profile rails.

The different configurations can be realized using a universal module for both the LioN-S and the LioN-M. In these convenient I/O modules, each signal pin can be used either as an input or as an output. This means a very high degree of flexibility in planning for alterations during start-up and for later retrofit. Furthermore, these I/O modules simplify the carrying of spares, which is a time and money saver in the long run.

#### Key features include:

LioN Classic:

- High degree of reliability in rough environmental conditions – in use for more than 10 years

LioN-M and -S:

- Simple planning and more economical spare parts storage due to universal I/O functionality
- Small connection space thanks to variable installation possibilities
- Light-weight – ideally suited for installation and handling applications
- Fast start-up due to comprehensive diagnostics

#### Technical data:

- Ambient temperature from -10°C/+60°C
- Materials (depending on type of module)
  - Housing: PBT or PUR
  - Inserts: PA
  - Contacts: CuZn, pre-nickeled and 0.8 microns gold plated
- Mechanical data
  - Protection class: IP67
- Electrical data
  - Nominal current at 40°C: 0.5 A to 2 A per channel and up to 15 A per module
  - Nominal voltage: 19-30 VDC
- Module variants
  - 8 and 16-way digital universal module with inputs and outputs
  - 4, 8 and 16-way digital input modules
  - 4, 8 and 16-way digital output modules
  - 4, 8 and 16-way digital input and output modules





## LioN-Link Series

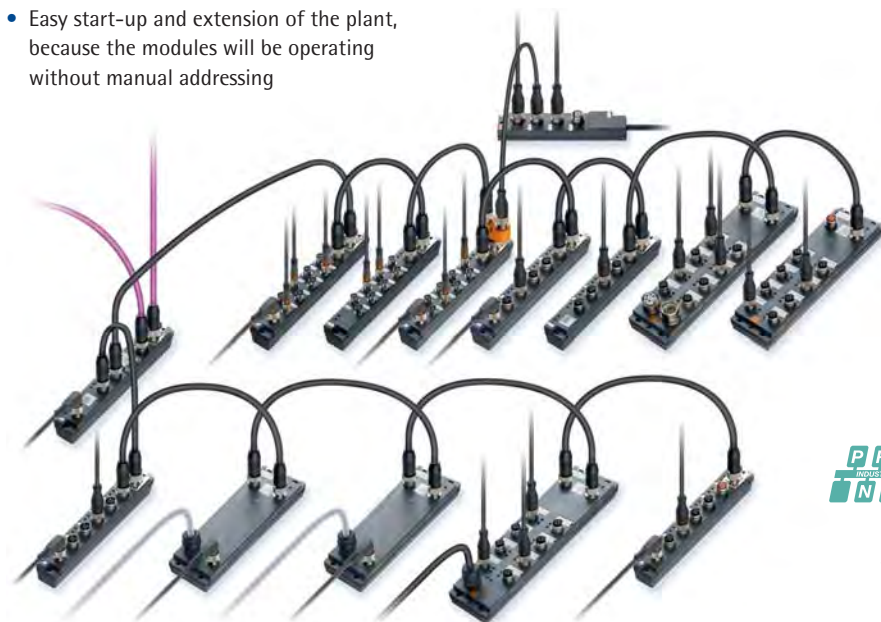
LioN-Link is used in situations where machines or plants have distributed I/O concentrations in limited space conditions. LioN-Link consists of bus couplers and I/O modules. The bus couplers are used for linking the I/O modules to the Fieldbuses. Starting from the bus coupler, the I/O modules divide up decentrally in the field via two strands. In total up to 15 users can be connected to each strand. The overall extension of a strand can extend to 100 m.

### Key features include:

- Bus-independent I/O modules ensure a high degree of flexibility and reduce storage requirements
- Space-saving, light-weight modules ensure a wide area of applications
- Simplified planning due to universal I/O modules
- Economical solution – up to 480 I/Os at a single bus coupler
- Quick availability with the use of standardized wiring components
- Easy and safe installation thanks to color-coded sockets
- High degree of reliability as there are no line terminators
- Easy start-up and extension of the plant, because the modules will be operating without manual addressing








### Technical data:

- Ambient temperature from  $-10^{\circ}\text{C}/+60^{\circ}\text{C}$
- Materials (depending on type of module)
  - Housing: PBT
  - Inserts: PA
  - Contacts: CuZn, pre-nickeled sub-surface and 0.8 micron gold plated
- Mechanical data
  - Protection class: IP67
- Electrical data
  - Nominal current at  $40^{\circ}\text{C}$ : 0.5 A to 2 A per channel and up to 9 A per module
  - Nominal voltage: 19–30 VDC
- Slot types:
  - M8
  - M12
  - Multi-pole interface
- Module variants
  - 8 and 16-way digital universal module with inputs and outputs
  - 8 and 16-way digital input module
  - 4-way analog input module 0–10 V
  - 4-way analog input module 0–20 mA
  - 4-way IO-Link-Master
  - 8-way-Input/4-way Output Motion Module



**AS-Interface**

Flat Cable and Round Cable Bus Connection, 4 IN | 8 IN | 4 OUT | 8 OUT

|   |  |                             |                           |
|---|--|-----------------------------|---------------------------|
| <b>0910 ASL 501</b>   |  |                             |                           |
|    | <b>4 IN   Version 2.1</b><br>AS-Interface module with 4 digital inputs to connect M8 standard sensors, M8 bus connection                           | <b>Type</b><br>0910 ASL 501 | <b>Order No.</b><br>30606 |
| <b>0910 ASL 409</b>   |  |                             |                           |
|    | <b>4 IN   Version 2.1</b><br>AS-Interface flat cable module with 4 digital inputs to connect standard sensors, M12 socket                          | <b>Type</b><br>0910 ASL 409 | <b>Order No.</b><br>26823 |
| <b>0910 ASL 132</b>   |  |                             |                           |
|   | <b>4 IN   M12</b><br>AS-Interface module with 4 digital inputs to connect standard sensors, M12 socket, M12 bus connection                         | <b>Type</b><br>0910 ASL 132 | <b>Order No.</b><br>74852 |
| <b>0910 ASL 412</b>   |  |                             |                           |
|  | <b>8 IN   Version 2.1</b><br>AS-Interface flat cable module with 8 digital inputs to connect standard sensors, M12 socket                          | <b>Type</b><br>0910 ASL 412 | <b>Order No.</b><br>44429 |
| <b>0910 ASL 403</b>   |  |                             |                           |
|  | <b>4 OUT</b><br>AS-Interface flat cable module with 4 digital outputs to connect standard actuators, M12 socket                                    | <b>Type</b><br>0910 ASL 403 | <b>Order No.</b><br>10919 |
| <b>0910 ASL 133</b>   |  |                             |                           |
|  | <b>4 OUT   M12</b><br>AS-Interface module with 4 digital outputs to connect standard actuators, combined FIXCON/M12 socket, M12 bus connection     | <b>Type</b><br>0910 ASL 133 | <b>Order No.</b><br>74901 |
| <b>0910 ASL 419</b>   |  |                             |                           |
|  | <b>8 OUT   Version 2.1</b><br>AS-Interface flat cable module with 8 digital outputs (0.5 A, Y connected) to connect standard actuators, M12 socket | <b>Type</b><br>0910 ASL 419 | <b>Order No.</b><br>46877 |

**AS-Interface**

Flat Cable and Round Cable Bus Connection, 2 IN/2 OUT | 4 IN/3 OUT | 4 IN/4 OUT

**0910 ASL 410**



**2 IN/2 OUT | Version 2.1**

AS-Interface flat cable module with 2 digital inputs to connect standard sensors and 2 digital outputs to connect standard actuators, M12 socket

| Type         | Order No. |
|--------------|-----------|
| 0910 ASL 410 | 26821     |

**0910 ASL 134**



**2 IN/2 OUT | M12**

AS-Interface module with 2 digital inputs to connect standard sensors and 2 digital outputs to connect standard actuators, M12 socket, M12 bus connection

| Type         | Order No. |
|--------------|-----------|
| 0910 ASL 134 | 74902     |

**0910 ASL 414**



**4 IN/3 OUT | Version 2.1**

AS-Interface flat cable module with 4 digital inputs (Y connected) to connect standard sensors and 3 digital outputs (2 A) to connect standard actuators, M12 socket, support of the extended address

| Type         | Order No. |
|--------------|-----------|
| 0910 ASL 414 | 52606     |

**0910 ASL 408**



**4 IN/4 OUT | Version 2.1**

AS-Interface flat cable module with 4 digital inputs to connect standard sensors and 4 digital outputs to connect standard actuators, M12 socket

| Type         | Order No. |
|--------------|-----------|
| 0910 ASL 408 | 26819     |

**0910 ASL 135**



**4 IN/4 OUT | M12**

AS-Interface module with 4 digital inputs to connect standard sensors and 4 digital outputs to connect standard actuators, M12 socket, M12 bus connection

| Type         | Order No. |
|--------------|-----------|
| 0910 ASL 135 | 74903     |

**0910 ASL 146**



**4 IN/4 OUT | Version 3.0 | A & B-Slave**

AS-Interface module with 4 digital inputs to connect 2-wire or 3-wire sensors and 4 digital outputs to connect standard actuators, M12 socket, M12 bus connection

| Type         | Order No. |
|--------------|-----------|
| 0910 ASL 146 | 107972    |

**0910 ASL 438**



**4 IN/4 OUT | Version 3.0 | A & B-Slave**

AS-Interface flat cable module with 4 digital inputs to connect 2-wire or 3-wire sensors and 4 digital outputs to connect standard actuators, M12 socket

| Type         | Order No. |
|--------------|-----------|
| 0910 ASL 438 | 107971    |

**AS-Interface**

Flat Cable and Round Cable Bus Connection, 4 IN/4 OUT, Passive Modules, Accessories

**0910 ASL 424**



**4 IN/4 OUT | Version 2.1**

AS-Interface module with housing and receptacle shells in stainless steel, 4 digital inputs (Y connected) to connect standard sensors and 4 digital outputs (2 A, Y connected) to connect standard actuators, M12 bus connection

– especially designed for food and beverage equipment –

| Type         | Order No. |
|--------------|-----------|
| 0910 ASL 424 | 52620     |

**0910 ASL 425**



**4 IN/4 OUT | Version 2.1**

AS-Interface module with housing and receptacle shells in stainless steel, 4 digital inputs to connect standard sensors and 4 digital outputs (2 A) to connect standard actuators, M12 bus connection

– especially designed for food and beverage equipment –

| Type         | Order No. |
|--------------|-----------|
| 0910 ASL 425 | 52858     |

**0911 ANC 002/... M**



AS-Interface passive module to connect 4 AS-Interface sensors, AS-Interface actuators or AS-Interface round cable modules, 4 ports, combined FIXCON/M12 socket, with connection for AS-Interface standard round cables

| Type              | Order No. |
|-------------------|-----------|
| 0911 ANC 002/5 M  | 10925     |
| 0911 ANC 002/10 M | 12749     |

**0911 ANC 403**



AS-Interface passive module to connect 4 AS-Interface sensors, AS-Interface actuators or AS-Interface round cable modules, 4 ports, M12 socket, with connection for AS-Interface standard flat cables

| Type         | Order No. |
|--------------|-----------|
| 0911 ANC 403 | 10929     |

**0911 ANC 101**



AS-Interface branch to connect AS-Interface slaves via a M12 connector with a flat cable system

| Type         | Order No. |
|--------------|-----------|
| 0911 ANC 101 | 10926     |

**0911 ANC 401**



AS-Interface branch to connect two flat cables (opening of an AS-Interface branch or additional voltage supply)

| Type         | Order No. |
|--------------|-----------|
| 0911 ANC 401 | 10927     |

**0911 ANC 407/...M**



AS-Interface connector for direct connection to a wired male connector: reusable access technology to IEC 60352-6. AS-Interface connector 0911 ANC 406 is included with the delivered product.

| Type              | Order No. |
|-------------------|-----------|
| 0911 ANC 407/2 M  | 10931     |
| 0911 ANC 407/5 M  | 10932     |
| 0911 ANC 407/10 M | 12822     |

**AS-Interface**  
Accessories

**0911 ANC 410/...M**



AS-Interface connector for direct connection to two wired male connectors: reusable access technology to IEC 60352-6. AS-Interface connector 0911 ANC 406 is included with the delivered product.

| Type               | Order No. |
|--------------------|-----------|
| 0911 ANC 410/0.3 M | 15933     |
| 0911 ANC 410/0.6 M | 15944     |
| 0911 ANC 410/1 M   | 15934     |
| 0911 ANC 410/2 M   | 15946     |
| 0911 ANC 410/5 M   | 15945     |
| 0911 ANC 410/10 M  | 15932     |
| 0911 ANC 410/15 M  | 15943     |

**0911 ANC 408 | 0911 ANC 406**



AS-Interface cable connector, used for distribution of connections or as connector: reusable access technology to IEC 60352-6. AS-Interface connector 0911 ANC 406 is included with the delivered product (0911 ANC 408).

| Type         | Order No. |
|--------------|-----------|
| 0911 ANC 408 | 10933     |
| 0911 ANC 406 | 10930     |

**0911 ANC 413 | 0911 ANC 415**



AS-Interface cable connector, used for distribution of connections or as connector: reusable access technology to IEC 68 and DIN 41611, hexagon screw in stainless steel, 4 poles. AS-Interface connector 0911 ANC 415 is included with the delivered product (0911 ANC 413).

– especially designed for food and beverage equipment –

| Type         | Order No. |
|--------------|-----------|
| 0911 ANC 413 | 56013     |
| 0911 ANC 415 | 65580     |

**0913 ATL 003**



This AS-Interface handheld controller serves to address the AS-Interface sensors, actuators and round cable modules. The mechanical connection is made by a mating M12 connector. AS-Interface flat cable modules are connected using the addressing adapter type 0913 ATL 002/0.35 M.

| Type         | Order No. |
|--------------|-----------|
| 0913 ATL 003 | 28251     |

**0913 ATL 002/0.35 M**



The addressing adapter is able to address the AS-Interface flat cable modules with existing handheld addressing units, length 0.35 m

– suitable for addressing unit 0913 ATL 003 –

| Type                | Order No. |
|---------------------|-----------|
| 0913 ATL 002/0.35 M | 10938     |

**0915 034 101/... M**



AS-Interface cordset, double-ended, M12 male connector and M12 female connector with self-locking threaded joint

| Type             | Order No. |
|------------------|-----------|
| 0915 034 101/1 M | 29716     |
| 0915 034 101/3 M | 29717     |
| 0915 034 101/5 M | 29718     |

**0911 ANC 409**



Terminal sleeves for flat cable, packing unit: 10 pieces

| Type         | Order No. |
|--------------|-----------|
| 0911 ANC 409 | 02240     |



**Interbus**

Remote Bus Terminal, Installation Remote Bus, 8 IN | 16 IN | 8 OUT | 8 IN/4 OUT

**0950 ISL 205**



**8 IN**  
Interbus device: Remote bus terminal with integrated branch for an installation remote bus and 8 digital inputs to connect standard sensors, M12 socket, M23 bus connection, M23 power supply

| Type         | Order No. |
|--------------|-----------|
| 0950 ISL 205 | 10992     |

**0950 ISL 202**



**8 IN**  
Interbus device: Installation remote bus with 8 digital inputs to connect standard sensors, M12 socket, M23 bus connection

| Type         | Order No. |
|--------------|-----------|
| 0950 ISL 202 | 10989     |

**0950 ISL 204**



**16 IN**  
Interbus device: Installation remote bus with 16 digital inputs to connect standard sensors, M12 socket, M23 bus connection

| Type         | Order No. |
|--------------|-----------|
| 0950 ISL 204 | 10991     |

**0950 ISL 201**



**8 OUT**  
Interbus device: Installation remote bus with 8 digital outputs to connect standard actuators, M12 socket, M23 bus connection, M23 power supply

| Type         | Order No. |
|--------------|-----------|
| 0950 ISL 201 | 10988     |

**0950 ISL 207**



**8 OUT**  
Interbus device: Installation remote bus with 8 digital outputs (2 A) to connect standard actuators, without actuator low voltage report, M12 socket, M23 bus connection, M23 power supply

| Type         | Order No. |
|--------------|-----------|
| 0950 ISL 207 | 25110     |

**0950 ISL 203**



**8 IN / 4 OUT**  
Interbus device: Installation remote bus with 8 digital inputs to connect standard sensors and 4 digital outputs (2 A) to connect standard actuators, M12 socket, M23 bus connection, M23 power supply

| Type         | Order No. |
|--------------|-----------|
| 0950 ISL 203 | 10990     |

**0950 ISL 209**



**8 IN / 4 OUT**  
Interbus device: Installation remote bus with 8 digital inputs to connect standard sensors and 4 digital outputs (2 A) to connect standard actuators, without actuator low voltage report, M12 socket, M23 bus connection, M23 power supply

| Type         | Order No. |
|--------------|-----------|
| 0950 ISL 209 | 50201     |

**Interbus**

Installation Remote Bus Cable, Remote Bus Cable, Power Supply

**0955 283 201/... M | 0955 283 202/... M | 0955 283 203/... M**



Interbus installation remote bus cable

0955 283 201/... M: assembled on both sides with M23 male connector and M23 female connector, 9 poles

0955 283 202/... M: assembled on one side with M23 male connector, 9 poles

0955 283 203/... M: assembled on one side with M23 female connector, 9 poles

| Type               | Order No.  |
|--------------------|------------|
| 0955 283 201/0.3 M | on request |
| 0955 283 201/0.6 M | on request |
| 0955 283 201/1 M   | on request |
| 0955 283 201/2 M   | on request |
| 0955 283 201/3 M   | on request |
| 0955 283 201/5 M   | on request |
| 0955 283 201/10 M  | on request |
| 0955 283 201/15 M  | on request |
| 0955 283 201/20 M  | on request |
| 0955 283 201/25 M  | on request |
| 0955 283 202/1 M   | on request |
| 0955 283 202/3 M   | on request |
| 0955 283 202/5 M   | on request |
| 0955 283 202/10 M  | on request |
| 0955 283 202/15 M  | on request |
| 0955 283 203/1 M   | on request |
| 0955 283 203/3 M   | on request |
| 0955 283 203/5 M   | on request |
| 0955 283 203/10 M  | on request |
| 0955 283 203/15 M  | on request |

**0955 284 201/... M | 0955 284 202/... M | 0955 284 203/... M**



Interbus remote bus cable

0955 284 201/... M: assembled on both sides with M23 male connector and M23 female connector, 9 poles

0955 284 202/... M: assembled on one side with M23 male connector, 9 poles

0955 284 203/... M: assembled on one side with M23 female connector, 9 poles

| Type               | Order No.  |
|--------------------|------------|
| 0955 284 201/0.3 M | on request |
| 0955 284 201/0.6 M | on request |
| 0955 284 201/1 M   | on request |
| 0955 284 201/2 M   | on request |
| 0955 284 201/3 M   | on request |
| 0955 284 201/5 M   | on request |
| 0955 284 201/10 M  | on request |
| 0955 284 201/15 M  | on request |
| 0955 284 201/20 M  | on request |
| 0955 284 201/25 M  | on request |
| 0955 284 202/1 M   | on request |
| 0955 284 202/3 M   | on request |
| 0955 284 202/5 M   | on request |
| 0955 284 202/10 M  | on request |
| 0955 284 202/15 M  | on request |
| 0955 284 203/1 M   | on request |
| 0955 284 203/3 M   | on request |
| 0955 284 203/5 M   | on request |
| 0955 284 203/10 M  | on request |
| 0955 284 203/15 M  | on request |

**0955 284 204/... M**



Interbus remote bus cable, assembled on both sides with M23 female connector and SUBD male connector, 9 poles

| Type             | Order No.  |
|------------------|------------|
| 0955 284 204/1 M | on request |
| 0955 284 204/2 M | on request |
| 0955 284 204/3 M | on request |
| 0955 284 204/5 M | on request |

**RSU 6-RKU A 6-203/0.6 M | RKU A 6-203/... M**



Power supply single, for Installation remote bus modules as output/mixing modules

RSU 6-RKU A 6-203/0.6 M: molded on both sides with M23 male connector and M23 female connector, 6 poles (Pin 1, 2, 3 assigned), 0.6 m

RKU A 6-203/... M: molded on one side with M23 female connector, 6 poles (Pin 1, 2, 3 assigned)

| Type                   | Order No. |
|------------------------|-----------|
| RSU 6-RKU A6-203/0.6 M | 61841     |
| RKU A 6-203/5 M        | 46782     |
| RKU A 6-203/10 M       | 49299     |
| RKU A 6-203/15 M       | 57246     |

**RSU 6-RKU 6-204/0.6 M | RKU 6-204/... M**



Power supply double

RSU 6-RKU 6-204/0.6 M: molded on both sides with M23 male connector and M23 female connector, 6 poles, 0.6 m

RKU 6-204/... M: molded on one side with M23 female connector, 6 poles

| Type                  | Order No. |
|-----------------------|-----------|
| RSU 6-RKU 6-204/0.6 M | 51132     |
| RKU 6-204/5 M         | 46687     |
| RKU 6-204/10 M        | 47948     |
| RKU 6-204/15 M        | 47949     |

**Profibus**

Profibus-DP Nodes, 8 IN | 8 IN/8 OUT | 16 IN

**0970 PSL 650**



**8 IN/8 OUT universal**

Profibus-DP device with 8 digital I/O channels, channels can be used universally as inputs or outputs, M8 socket, 3 poles, rotary address switches for addressing, M12 bus connection, M12 power supply

| Type         | Order No. |
|--------------|-----------|
| 0970 PSL 650 | 75851     |

**0970 PSL 651**



**8 IN**

Profibus-DP device with 8 digital inputs to connect standard sensors, M8 socket, 3 poles, rotary address switches for addressing, M12 bus connection, M12 power supply

| Type         | Order No. |
|--------------|-----------|
| 0970 PSL 651 | 75852     |

**0970 PSL 700**



**16 IN/16 OUT universal**

Profibus-DP device with 16 digital I/O channels, channels can be used universally as inputs or outputs, M12 socket, rotary address switches for addressing, M12 bus connection, 7/8" power supply

| Type         | Order No. |
|--------------|-----------|
| 0970 PSL 700 | 75514     |

**0970 PSL 701**



**16 IN**

Profibus-DP device with 16 digital inputs to connect standard sensors, M12 socket, rotary address switches for addressing, M12 bus connection, 7/8" power supply

| Type         | Order No. |
|--------------|-----------|
| 0970 PSL 701 | 75848     |

**0970 PSL 114**



**8 IN**

Profibus-DP device with 8 digital inputs to connect standard sensors, M12 socket, rotary address switches for addressing, M12 bus connection, M23 power supply

| Type         | Order No. |
|--------------|-----------|
| 0970 PSL 114 | 28335     |

**0970 PSL 213**



**8 IN**

Profibus-DP device with 8 digital inputs to connect standard sensors, M12 socket, rotary address switches for addressing, M23 bus connection

| Type         | Order No. |
|--------------|-----------|
| 0970 PSL 213 | 28962     |

**0970 PSL 111**










**16 IN**

Profibus-DP device with 16 digital inputs to connect standard sensors, M12 socket, rotary address switches for addressing, M12 bus connection, M23 power supply

| Type         | Order No. |
|--------------|-----------|
| 0970 PSL 111 | 27075     |

**Profibus**

Profibus-DP Nodes, 8 OUT | 16 OUT

| 0970 PSL 209  |  |              |                  |
|---|--|--------------|------------------|
|    | <b>16 IN</b><br>Profibus-DP device with 16 digital inputs to connect standard sensors, M12 socket, rotary address switches for addressing, M23 bus connection  | <b>Type</b>  | <b>Order No.</b> |
|   |  | 0970 PSL 209 | 28959            |
| 0970 PSL 112  |  |              |                  |
|    | <b>8 OUT</b><br>Profibus-DP device with 8 digital outputs to connect standard actuators, M12 socket, rotary address switches for addressing, M12 bus connection, M23 power supply  | <b>Type</b>  | <b>Order No.</b> |
|   |  | 0970 PSL 112 | 27076            |
| 0970 PSL 210  |  |              |                  |
|   | <b>8 OUT</b><br>Profibus-DP device with 8 digital outputs to connect standard actuators, M12 socket, rotary address switches for addressing, M23 bus connection, M23 actuator supply   | <b>Type</b>  | <b>Order No.</b> |
|   |  | 0970 PSL 210 | 28960            |
| 0970 PSL 124  |  |              |                  |
|  | <b>16 OUT</b><br>Profibus-DP device with 16 digital outputs (0.5 A) to connect standard actuators, M12 socket, rotary address switches for addressing, M12 bus connection, M23 systems/actuator supply                                     | <b>Type</b>  | <b>Order No.</b> |
|   |  | 0970 PSL 124 | 54190            |
| 0970 PSL 215  |  |              |                  |
|  | <b>16 OUT</b><br>Profibus-DP device with 16 digital outputs (0.5 A) to connect standard actuators, M12 socket, rotary address switches for addressing, M23 bus connection, M23 actuator supply   | <b>Type</b>  | <b>Order No.</b> |
|   |  | 0970 PSL 215 | 57265            |
| 0970 PSL 113  |  |              |                  |
|  | <b>8 IN/4 OUT</b><br>Profibus-DP device with 8 digital inputs to connect standard sensors and 4 digital outputs to connect standard actuators, M12 socket, rotary address switches for addressing, M12 bus connection, M23 power supply    | <b>Type</b>  | <b>Order No.</b> |
|   |  | 0970 PSL 113 | 27077            |
| 0970 PSL 211  |  |              |                  |
|  | <b>8 IN/4 OUT</b><br>Profibus-DP device with 8 digital inputs to connect standard sensors and 4 digital outputs to connect standard actuators, M12 socket, rotary address switches for addressing, M23 bus connection, M23 actuator supply | <b>Type</b>  | <b>Order No.</b> |
|   |  | 0970 PSL 211 | 28961            |

**Profibus**

Profibus-DP Nodes, 8 IN/8 OUT | 16 IN/16 OUT, Accessories, Signal Cables

**0970 PSL 123**



**8 IN/8 OUT**

Profibus-DP device with 8 digital inputs to connect standard sensors and 8 digital outputs (0.5 A) to connect standard actuators, M12 socket, rotary address switches for addressing, M12 bus connection, M23 systems/actuator supply

| Type         | Order No. |
|--------------|-----------|
| 0970 PSL 123 | 54285     |

**0970 PSL 214**



**8 IN/8 OUT**

Profibus-DP device with 8 digital inputs to connect standard sensors and 8 digital outputs (0.5 A) to connect standard actuators, M12 socket, rotary address switches for addressing, M23 bus connection, M23 actuator supply

| Type         | Order No. |
|--------------|-----------|
| 0970 PSL 214 | 57267     |

**0903 UTL 101**



Handheld addressing device for bus users of the Profibus standard series, addressing via M12 I/O connection (channel 8) of the modules

| Type         | Order No. |
|--------------|-----------|
| 0903 UTL 101 | 10891     |

**0973 PTL 201**



Addressing tool for bus users of the Profibus standard series, addressing via M23 bus connection of the modules

| Type         | Order No. |
|--------------|-----------|
| 0973 PTL 201 | 11013     |

**0973 PTL 202**



Addressing adapter for the bus users of the Profibus standard series, M23 connection for the module SUBD, connection for serial interface

| Type         | Order No. |
|--------------|-----------|
| 0973 PTL 202 | 2300      |

**0975 254 101/... M | 0975 254 102/... M | 0975 254 103/... M**



Profibus signal cable

0975 254 101/... M: molded on both sides with M12 male connector and M12 female connector, 5 poles, B coding

0975 254 102/... M: molded on one side with M12 male connector, 5 poles, B coding

0975 254 103/... M: molded on one side with M12 female connector, 5 poles, B coding

| Type               | Order No. |
|--------------------|-----------|
| 0975 254 101/0.3 M | 11015     |
| 0975 254 101/0.6 M | 51066     |
| 0975 254 101/1 M   | 11016     |
| 0975 254 101/2 M   | 11018     |
| 0975 254 101/3 M   | 12589     |
| 0975 254 101/5 M   | 11019     |
| 0975 254 101/10 M  | 27086     |
| 0975 254 101/15 M  | 28406     |
| 0975 254 101/20 M  | 47927     |
| 0975 254 101/25 M  | 47822     |
| 0975 254 102/1 M   | 12503     |
| 0975 254 102/3 M   | 12502     |
| 0975 254 102/5 M   | 12501     |
| 0975 254 102/10 M  | 34625     |
| 0975 254 102/15 M  | 62291     |
| 0975 254 103/1 M   | 12504     |
| 0975 254 103/3 M   | 12505     |
| 0975 254 103/5 M   | 12506     |
| 0975 254 103/10 M  | 34618     |
| 0975 254 103/15 M  | 28404     |

**Profibus**

Signal Cables, Combined Cables, Power Supply Systems

**0975 254 104/... M | 0975 254 105/... M**



Profibus signal cable

0975 254 104/... M: Profibus signal cable, molded/assembled on both sides with M12 female connector, 5 poles, B coding and SUBD male connector, 9 poles, with switch-on terminating resistor

0975 254 105/... M: Profibus signal cable, molded/assembled on both sides with M12 male connector, 5 poles, B coding and SUBD male connector, 9 poles, with switch-on terminating resistor

| Type             | Order No. |
|------------------|-----------|
| 0975 254 104/1 M | 49301     |
| 0975 254 104/2 M | 47811     |
| 0975 254 104/3 M | 49254     |
| 0975 254 104/5 M | 47938     |
| 0975 254 105/1 M | 49255     |
| 0975 254 105/2 M | 49296     |
| 0975 254 105/3 M | 49297     |
| 0975 254 105/5 M | 49298     |

**0975 202 201/... M | 0975 202 202/... M**



Profibus combined cable

0975 202 201/... M: assembled on both sides with two M23 male connectors, 12 poles

0975 202 202/... M: assembled on one side with M23 male connector, 12 poles

| Type               | Order No.  |
|--------------------|------------|
| 0975 202 201/0.3 M | on request |
| 0975 202 201/0.6 M | on request |
| 0975 202 201/1 M   | on request |
| 0975 202 201/2 M   | on request |
| 0975 202 201/3 M   | on request |
| 0975 202 201/5 M   | on request |
| 0975 202 201/10 M  | on request |
| 0975 202 201/15 M  | on request |
| 0975 202 201/20 M  | on request |
| 0975 202 201/25 M  | on request |
| 0975 202 202/1 M   | on request |
| 0975 202 202/3 M   | on request |
| 0975 202 202/5 M   | on request |
| 0975 202 202/10 M  | on request |
| 0975 202 202/15 M  | on request |

**RKU E 6-203/... M**



Power supply system/sensor single, for modules with inputs only (0970 PSL 1xx), molded on one side: with M23 female connector, 6 poles (Pin 1, 4, 5 assigned)

| Type             | Order No. |
|------------------|-----------|
| RKU E 6-203/5 M  | 46783     |
| RKU E 6-203/10 M | 50962     |
| RKU E 6-203/15 M | 64776     |

**RSU 6-RKU A 6-203/0.6 M | RKU A 6-203/... M**



Power supply single, for output/mixing modules (0970 PSL 2xx)

RSU 6-RKU A 6-203/0.6 M: molded on both sides with M23 male connector and M23 female connector, 6 poles (Pin 1, 2, 3 assigned)

RKU A 6-203/... M: molded on one side with M23 female connector, 6 poles (Pin 1, 2, 3 assigned)

| Type                    | Order No. |
|-------------------------|-----------|
| RSU 6-RKU A 6-203/0.6 M | 61841     |
| RKU A 6-203/5 M         | 46782     |
| RKU A 6-203/10 M        | 49299     |
| RKU A 6-203/15 M        | 57246     |

**RSU 6-RKU 6-204/0.6 M | RKU 6-204/... M**



Power supply double

RSU 6-RKU 6-204/0.6 M: molded on both sides with M23 male connector and M23 female connector, 6 poles

RKU 6-204/... M: molded on one side with M23 female connector, 6 poles

| Type                  | Order No. |
|-----------------------|-----------|
| RSU 6-RKU 6-204/0.6 M | 51132     |
| RKU 6-204/5 M         | 46687     |
| RKU 6-204/10 M        | 47948     |
| RKU 6-204/15 M        | 47949     |

**Profibus**

Power Supply Systems, Terminating Resistors

**0905 204 302/0.6 M | 0905 204 301/... M | 0905 204 303/... M**



Power supply double

0905 204 302/0.6 M: molded on both sides with 7/8" male connector and 7/8" female connector, 5 poles

0905 204 301/... M: molded on one side with 7/8" female connector, 5 poles

0905 204 303/... M: molded on one side with 7/8" male connector, 5 poles

| Type               | Order No. |
|--------------------|-----------|
| 0905 204 302/0.6 M | 84214     |
| 0905 204 301/5 M   | 13504     |
| 0905 204 301/10 M  | 55600     |
| 0905 204 301/15 M  | 81914     |
| 0905 204 303/5 M   | 81779     |
| 0905 204 303/10 M  | 81973     |
| 0905 204 303/15 M  | 81912     |

**0905 204 309/0.6 M | 0905 204 308/... M | 0905 204 310/... M**



Power supply double

0905 204 309/0.6 M: molded on both sides with 7/8" male right angled connector and 7/8" female right angled connector, 5 poles

0905 204 308/... M: molded on one side with 7/8" female right angled connector, 5 poles

0905 204 310/... M: molded on one side with 7/8" male right angled connector, 5 poles

| Type               | Order No. |
|--------------------|-----------|
| 0905 204 309/0.6 M | 84528     |
| 0905 204 308/5 M   | 82061     |
| 0905 204 308/10 M  | 82062     |
| 0905 204 308/15 M  | 82063     |
| 0905 204 310/5 M   | 82158     |
| 0905 204 310/10 M  | 82159     |
| 0905 204 310/15 M  | 82160     |

**0979 PTX 101**



Profibus terminating resistor, M12 male connector, 4 poles, B coding

| Type         | Order No. |
|--------------|-----------|
| 0979 PTX 101 | 11024     |

**0979 PTX 201**



Profibus terminating resistor for the 12 poles M23 bus connection

| Type         | Order No. |
|--------------|-----------|
| 0979 PTX 201 | 6907      |

**CANopen®**

CANopen® Nodes, 8 IN | 16 IN | 8 OUT | 16 OUT | 8 IN/8 OUT

**0930 CSL 650**



**8 IN/OUT universal**

CANopen® device with 8 digital I/O channels, channels can be used universally as inputs or outputs, M8 socket, 3 poles, rotary switches for addressing, M12 bus connection, M12 actuator supply

| Type         | Order No. |
|--------------|-----------|
| 0930 CSL 650 | 84418     |

**0930 CSL 651**



**8 IN**

CANopen® device with 8 digital inputs to connect standard sensors, M8 socket, 3 poles, rotary switches for addressing, M12 bus connection

| Type         | Order No. |
|--------------|-----------|
| 0930 CSL 651 | 85918     |

**0930 CSL 108**



**16 IN (p)**

CANopen® device with 16 digital inputs (p-switching) to connect standard sensors, M12 socket, rotary address switches for addressing, M12 bus connection

| Type         | Order No. |
|--------------|-----------|
| 0930 CSL 108 | 54154     |

**0930 CSL 109**



**16 IN (n)**

CANopen® device with 16 digital inputs (n-switching) to connect standard sensors, M12 socket, rotary address switches for addressing, M12 bus connection

| Type         | Order No. |
|--------------|-----------|
| 0930 CSL 109 | 54186     |

**0930 CSL 107**



**8 OUT**

CANopen® device with 8 digital outputs (2 A) to connect standard actuators, M12 socket, rotary switches for addressing, M12 bus connection, 7/8" actuator supply

| Type         | Order No. |
|--------------|-----------|
| 0930 CSL 107 | 54153     |

**0930 CSL 114**



**16 OUT**

CANopen® device with 16 digital outputs (0.5 A) to connect standard actuators, M12 socket, rotary address switches for addressing, M12 bus connection, 7/8" actuator supply

| Type         | Order No. |
|--------------|-----------|
| 0930 CSL 114 | 54188     |

**0930 CSL 113**



**8 IN/8 OUT**

CANopen® device with 8 digital inputs to connect standard sensors and 8 digital outputs (0.5 A) to connect standard actuators, M12 socket, rotary address switches for addressing, M12 bus connection, 7/8" actuator supply

| Type         | Order No. |
|--------------|-----------|
| 0930 CSL 113 | 54187     |



**CANopen®**

CAN-/DeviceNet-Thin Cable, CAN-/DeviceNet-Thick Cable, Power Supply Systems

**0935 253 103/... M | 0935 253 104/... M | 0935 253 105/... M**



CAN-/DeviceNet-Thin Cable

0935 253 103/... M: molded on both sides with M12 male connector and M12 female connector, 5 poles

0935 253 104/... M: molded on one side with M12 male connector, 5 poles

0935 253 105/... M: molded on one side with M12 female connector, 5 poles

| Type               | Order No. |
|--------------------|-----------|
| 0935 253 103/0.3 M | 10964     |
| 0935 253 103/0.6 M | 63296     |
| 0935 253 103/1 M   | 10965     |
| 0935 253 103/2 M   | 10966     |
| 0935 253 103/3 M   | 10967     |
| 0935 253 103/5 M   | 10968     |
| 0935 253 103/10 M  | 26747     |
| 0935 253 103/15 M  | 27866     |
| 0935 253 103/20 M  | 27423     |
| 0935 253 103/25 M  | 45847     |
| 0935 253 104/1 M   | 10969     |
| 0935 253 104/3 M   | 10970     |
| 0935 253 104/5 M   | 10971     |
| 0935 253 104/10 M  | 18314     |
| 0935 253 104/15 M  | 27309     |
| 0935 253 105/1 M   | 10972     |
| 0935 253 105/3 M   | 10973     |
| 0935 253 105/5 M   | 10974     |
| 0935 253 105/10 M  | 15734     |
| 0935 253 105/15 M  | 27310     |

**0935 253 101/... M**



CAN-/DeviceNet-Thin Cable

molded on both sides: with 7/8" male connector and M12 female connector, 5 poles

| Type             | Order No. |
|------------------|-----------|
| 0935 253 101/1 M | 39651     |
| 0935 253 101/2 M | 10961     |
| 0935 253 101/3 M | 39531     |
| 0935 253 101/5 M | 41457     |

**0935 253 102/... M**



CAN-/DeviceNet-Thin Cable

molded on both sides: with M12 male connector and 7/8" female connector, 5 poles

| Type             | Order No. |
|------------------|-----------|
| 0935 253 102/1 M | 71246     |
| 0935 253 102/2 M | 10963     |
| 0935 253 102/3 M | 71249     |
| 0935 253 102/5 M | 71250     |

**0935 253 301/... M | 0935 253 302/... M | 0935 253 303/... M**



CAN-/DeviceNet-Thin Cable

0935 253 301/... M: molded on both sides with 7/8" male connector and 7/8" female connector, 5 poles

0935 253 302/... M: molded on one side with 7/8" male connector, 5 poles

0935 253 303/... M: molded on one side with 7/8" female connector, 5 poles

| Type             | Order No. |
|------------------|-----------|
| 0935 253 301/1 M | 10975     |
| 0935 253 301/3 M | 18196     |
| 0935 253 301/5 M | 62150     |
| 0935 253 302/1 M | 10976     |
| 0935 253 302/3 M | 10977     |
| 0935 253 302/5 M | 29881     |
| 0935 253 303/1 M | 10978     |
| 0935 253 303/3 M | 10979     |
| 0935 253 303/5 M | 71251     |

**CANopen®**

CAN-/DeviceNet-Thin Cable, CAN-/DeviceNet-Thick Cable, Power Supply Systems  
Terminating Resistors

**0935 613 301/... F | 0935 613 302/... F | 0935 613 303/... F**



CAN-/DeviceNet-Thick Cable

0935 613 301/... F: molded on both sides with 7/8" male connector and 7/8" female connector, 5 poles

0935 613 302/... F: molded on one side with 7/8" male connector, 5 poles

0935 613 303/... F: molded on one side with 7/8" female connector, 5 poles

| Type              | Order No.  |
|-------------------|------------|
| 0935 613 301/1 F  | on request |
| 0935 613 301/3 F  | on request |
| 0935 613 301/6 F  | on request |
| 0935 613 301/9 F  | on request |
| 0935 613 301/10 F | on request |
| 0935 613 301/12 F | on request |
| 0935 613 301/20 F | on request |
| 0935 613 302/1 F  | on request |
| 0935 613 302/3 F  | on request |
| 0935 613 302/6 F  | on request |
| 0935 613 302/9 F  | on request |
| 0935 613 302/10 F | on request |
| 0935 613 302/12 F | on request |
| 0935 613 302/20 F | on request |
| 0935 613 303/1 F  | on request |
| 0935 613 303/3 F  | on request |
| 0935 613 303/6 F  | on request |
| 0935 613 303/9 F  | on request |
| 0935 613 303/10 F | on request |
| 0935 613 303/12 F | on request |
| 0935 613 303/20 F | on request |

**0905 203 302/0.6 M | 0905 203 301/... M**



Power supply single

0905 203 302/0.6 M: molded on both sides with 7/8" male connector and 7/8" female connector, 3 poles

0905 203 301/... M: molded on one side with 7/8" female connector, 3 poles

| Type               | Order No. |
|--------------------|-----------|
| 0905 203 302/0.6 M | 71289     |
| 0905 203 301/5 M   | 13529     |
| 0905 203 301/10 M  | 27421     |
| 0905 203 301/15 M  | 71288     |

**0939 CTX 101**



CAN-/DeviceNet terminating resistor, M12 male connector, 5 poles

| Type         | Order No. |
|--------------|-----------|
| 0939 CTX 101 | 10984     |

**0939 CTX 102**



CAN-/DeviceNet terminating resistor, M12 female connector, 5 poles

| Type         | Order No. |
|--------------|-----------|
| 0939 CTX 102 | 10985     |

**0939 CTX 301**



CAN-/DeviceNet terminating resistor, 7/8" male connector, 5 poles

| Type         | Order No. |
|--------------|-----------|
| 0939 CTX 301 | 10986     |

**0939 CTX 302**



CAN-/DeviceNet terminating resistor, 7/8" female connector, 5 poles

| Type         | Order No. |
|--------------|-----------|
| 0939 CTX 302 | 10987     |

**DeviceNet**

DeviceNet Nodes, 8 IN | 8 IN/8 OUT | 16 IN

**0930 DSL 650**



**8 IN/8 OUT universal**

DeviceNet device with 8 digital I/O channels, channels can be used universally as inputs or outputs, M8 socket, 3 poles, rotary address switches for addressing, M12 bus connection, M12 actuator supply

| Type         | Order No. |
|--------------|-----------|
| 0930 DSL 650 | 75853     |

**0930 DSL 651**



**8 IN**

DeviceNet device with 8 digital inputs to connect standard sensors, M8 socket, 3 poles, rotary address switches for addressing, M12 bus connection

| Type         | Order No. |
|--------------|-----------|
| 0930 DSL 651 | 75854     |

**0930 DSL 700**



**16 IN/16 OUT universal**

DeviceNet device with 16 digital I/O channels, channels can be used universally as inputs or outputs, M12 socket, rotary address switches for addressing, 7/8" bus connection, 7/8" power supply

| Type         | Order No. |
|--------------|-----------|
| 0930 DSL 700 | 75849     |

**0930 DSL 701**



**16 IN**

DeviceNet device with 16 digital inputs to connect standard sensors, combined M12 socket, rotary address switches for addressing, 7/8" bus connection

| Type         | Order No. |
|--------------|-----------|
| 0930 DSL 701 | 75850     |

**0930 DSL 108**



**16 IN (p)**

DeviceNet device with 16 digital inputs (p-switching) to connect standard sensors, M12 socket, rotary address switches for addressing, M12 bus connection

| Type         | Order No. |
|--------------|-----------|
| 0930 DSL 108 | 29794     |

**0930 DSL 109**



**16 IN (n)**

DeviceNet device with 16 digital inputs (n-switching) to connect standard sensors, M12 socket, rotary address switches for addressing, M12 bus connection

| Type         | Order No. |
|--------------|-----------|
| 0930 DSL 109 | 29796     |

**0930 DSL 312**










**16 IN (p)**

DeviceNet device with 16 digital inputs (p-switching) to connect standard sensors, M12 socket, rotary address switches for addressing, 7/8" bus connection

| Type         | Order No. |
|--------------|-----------|
| 0930 DSL 312 | 45134     |

**DeviceNet**

DeviceNet Nodes, 16 IN | 8 OUT | 16 OUT | 8 IN/8 OUT

|   |                   |   |              |                  |
|---|-------------------|---|--------------|------------------|
| <b>0930 DSL 313</b>   |                   |   |              |                  |
|    | <b>16 IN (n)</b>  | DeviceNet device with 16 digital inputs (n-switching) to connect standard sensors, M12 socket, rotary address switches for addressing, 7/8" bus connection  | <b>Type</b>  | <b>Order No.</b> |
|   |                   |   | 0930 DSL 313 | 45135            |
| <b>0930 DSL 107</b>   |                   |   |              |                  |
|    | <b>8 OUT</b>      | DeviceNet device with 8 digital outputs (2 A) to connect standard actuators, M12 socket, rotary address switches for addressing, M12 bus connection, 7/8" actuator supply   | <b>Type</b>  | <b>Order No.</b> |
|   |                   |   | 0930 DSL 107 | 29950            |
| <b>0930 DSL 311</b>   |                   |   |              |                  |
|   | <b>8 OUT</b>      | DeviceNet device with 8 digital outputs (2 A) to connect standard actuators, M12 socket, rotary address switches for addressing, 7/8" bus connection, 7/8" actuator supply  | <b>Type</b>  | <b>Order No.</b> |
|   |                   |   | 0930 DSL 311 | 45133            |
| <b>0930 DSL 114</b>   |                   |   |              |                  |
|  | <b>16 OUT</b>     | DeviceNet device with 16 digital outputs (0.5 A) to connect standard actuators, M12 socket, rotary address switches for addressing, M12 bus connection, 7/8" actuator supply  | <b>Type</b>  | <b>Order No.</b> |
|   |                   |   | 0930 DSL 114 | 53718            |
| <b>0930 DSL 315</b>   |                   |   |              |                  |
|  | <b>16 OUT</b>     | DeviceNet device with 16 digital outputs (0.5 A) to connect standard actuators, M12 socket, rotary address switches for addressing, 7/8" bus connection, 7/8" actuator supply   | <b>Type</b>  | <b>Order No.</b> |
|   |                   |   | 0930 DSL 315 | 53746            |
| <b>0930 DSL 113</b>   |                   |   |              |                  |
|  | <b>8 IN/8 OUT</b> | DeviceNet device with 8 digital inputs to connect standard sensors and 8 digital outputs (0.5 A) to connect standard actuators, M12 socket, rotary address switches for addressing, M12 bus connection, 7/8" actuator supply  | <b>Type</b>  | <b>Order No.</b> |
|   |                   |   | 0930 DSL 113 | 51889            |
| <b>0930 DSL 314</b>   |                   |   |              |                  |
|  | <b>8 IN/8 OUT</b> | DeviceNet device with 8 digital inputs to connect standard sensors and 8 digital outputs (0.5 A) to connect standard actuators, M12 socket, rotary address switches for addressing, 7/8" bus connection, 7/8" actuator supply | <b>Type</b>  | <b>Order No.</b> |
|   |                   |   | 0930 DSL 314 | 50629            |

**DeviceNet**

Passive Distribution Boxes, CAN-/DeviceNet-Thin Cable

**0931 DNC 301**



Passive DeviceNet distribution box, 7/8" Bus-In/Bus-Out connection for Trunk line, 8x M12 branches for Drop line

| Type         | Order No. |
|--------------|-----------|
| 0931 DNC 301 | 17158     |

**0935 253 103/... M | 0935 253 104/... M | 0935 253 105/... M**



CAN-/DeviceNet-Thin Cable

0935 253 103/... M: molded on both sides with M12 male connector and M12 female connector, 5 poles

0935 253 104/... M: molded on one side with M12 male connector, 5 poles

0935 253 105/... M: molded on one side with M12 female connector, 5 poles

| Type               | Order No. |
|--------------------|-----------|
| 0935 253 103/0.3 M | 10964     |
| 0935 253 103/0.6 M | 63296     |
| 0935 253 103/1 M   | 10965     |
| 0935 253 103/2 M   | 10966     |
| 0935 253 103/3 M   | 10967     |
| 0935 253 103/5 M   | 10968     |
| 0935 253 103/10 M  | 26747     |
| 0935 253 103/15 M  | 27866     |
| 0935 253 103/20 M  | 27423     |
| 0935 253 103/25 M  | 45847     |
| 0935 253 104/1 M   | 10969     |
| 0935 253 104/3 M   | 10970     |
| 0935 253 104/5 M   | 10971     |
| 0935 253 104/10 M  | 18314     |
| 0935 253 104/15 M  | 27309     |
| 0935 253 105/1 M   | 10972     |
| 0935 253 105/3 M   | 10973     |
| 0935 253 105/5 M   | 10974     |
| 0935 253 105/10 M  | 15734     |
| 0935 253 105/15 M  | 27310     |

**0935 253 101/... M**



CAN-/DeviceNet-Thin Cable

molded on both sides: with 7/8" male connector and M12 female connector, 5 poles

| Type             | Order No. |
|------------------|-----------|
| 0935 253 101/1 M | 39651     |
| 0935 253 101/2 M | 10961     |
| 0935 253 101/3 M | 39531     |
| 0935 253 101/5 M | 41457     |

**0935 253 102/... M**



CAN-/DeviceNet-Thin Cable

molded on both sides: with M12 male connector and 7/8" female connector, 5 poles

| Type             | Order No. |
|------------------|-----------|
| 0935 253 102/1 M | 71246     |
| 0935 253 102/2 M | 10963     |
| 0935 253 102/3 M | 71249     |
| 0935 253 102/5 M | 71250     |

**0935 253 301/... M | 0935 253 302/... M | 0935 253 303/... M**



CAN-/DeviceNet-Thin Cable

0935 253 301/... M: molded on both sides with 7/8" male connector and 7/8" female connector, 5 poles

0935 253 302/... M: molded on one side with 7/8" male connector, 5 poles

0935 253 303/... M: molded on one side with 7/8" female connector, 5 poles

| Type             | Order No. |
|------------------|-----------|
| 0935 253 301/1 M | 10975     |
| 0935 253 301/3 M | 18196     |
| 0935 253 301/5 M | 62150     |
| 0935 253 302/1 M | 10976     |
| 0935 253 302/3 M | 10977     |
| 0935 253 302/5 M | 29881     |
| 0935 253 303/1 M | 10978     |
| 0935 253 303/3 M | 10979     |
| 0935 253 303/5 M | 71251     |

**DeviceNet**

CAN-/DeviceNet-Thick Cable, Power Supply Systems

**0935 613 301/... F | 0935 613 302/... F | 0935 613 303/... F**



CAN-/DeviceNet-Thick Cable

0935 613 301/... F: molded on both sides with 7/8" male connector and 7/8" female connector, 5 poles

0935 613 302/... F: molded on one side with 7/8" male connector, 5 poles

0935 613 303/... F: molded on one side with 7/8" female connector, 5 poles

| Type              | Order No.  |
|-------------------|------------|
| 0935 613 301/1 F  | on request |
| 0935 613 301/3 F  | on request |
| 0935 613 301/6 F  | on request |
| 0935 613 301/9 F  | on request |
| 0935 613 301/10 F | on request |
| 0935 613 301/12 F | on request |
| 0935 613 301/20 F | on request |
| 0935 613 302/1 F  | on request |
| 0935 613 302/3 F  | on request |
| 0935 613 302/6 F  | on request |
| 0935 613 302/9 F  | on request |
| 0935 613 302/10 F | on request |
| 0935 613 302/12 F | on request |
| 0935 613 302/20 F | on request |
| 0935 613 303/1 F  | on request |
| 0935 613 303/3 F  | on request |
| 0935 613 303/6 F  | on request |
| 0935 613 303/9 F  | on request |
| 0935 613 303/10 F | on request |
| 0935 613 303/12 F | on request |
| 0935 613 303/20 F | on request |

**0905 203 302/0.6 M | 0905 203 301/... M**



Power supply single

0905 203 302/0.6 M: molded on both sides with 7/8" male connector and 7/8" female connector, 3 poles

0905 203 301/... M: molded on one side with 7/8" female connector, 3 poles

| Type               | Order No. |
|--------------------|-----------|
| 0905 203 302/0.6 M | 71289     |
| 0905 203 301/5 M   | 13529     |
| 0905 203 301/10 M  | 27421     |
| 0905 203 301/15 M  | 71288     |

**0905 356 312/0.6 M | 0905 356 311/... M | 0905 356 313/... M**



Power supply double

0905 356 312/0.6 M: molded on both sides with 7/8" male connector and 7/8" female connector, 4 poles

0905 356 311/... M: molded on one side with 7/8" female connector, 4 poles

0905 356 313/... M: molded on one side with 7/8" male connector, 4 poles

| Type               | Order No. |
|--------------------|-----------|
| 0905 356 312/0.6 M | 75619     |
| 0905 356 311/5 M   | 75618     |
| 0905 356 311/10 M  | 75617     |
| 0905 356 311/15 M  | 75616     |
| 0905 356 313/5 M   | 82161     |
| 0905 356 313/10 M  | 82162     |
| 0905 356 313/15 M  | 82163     |

**0905 356 305/0.6 M | 0905 356 304/... M | 0905 356 306/... M**



Power supply double

0905 356 305/0.6 M: molded on both sides with 7/8" male right angle connector and 7/8" female right angle connector, 4 poles

0905 356 304/... M: molded on one side with 7/8" female right angle connector, 4 poles

0905 356 306/... M: molded on one side with 7/8" male right angle connector, 4 poles

| Type               | Order No. |
|--------------------|-----------|
| 0905 356 305/0.6 M | 84527     |
| 0905 356 304/5 M   | 82164     |
| 0905 356 304/10 M  | 82165     |
| 0905 356 304/15 M  | 82176     |
| 0905 356 306/5 M   | 82180     |
| 0905 356 306/10 M  | 82181     |
| 0905 356 306/15 M  | 82182     |

**DeviceNet**  
Terminating Resistors

**0939 CTX 101**



CAN-/DeviceNet terminating resistor, M12 male connector, 5 poles

| Type         | Order No. |
|--------------|-----------|
| 0939 CTX 101 | 10984     |

**0939 CTX 102**



CAN-/DeviceNet terminating resistor, M12 female connector, 5 poles

| Type         | Order No. |
|--------------|-----------|
| 0939 CTX 102 | 10985     |

**0939 CTX 301**



CAN-/DeviceNet terminating resistor, 7/8" male connector, 5 poles

| Type         | Order No. |
|--------------|-----------|
| 0939 CTX 301 | 10986     |

**0939 CTX 302**



CAN-/DeviceNet terminating resistor, 7/8" female connector, 5 poles

| Type         | Order No. |
|--------------|-----------|
| 0939 CTX 302 | 10987     |

**Industrial Ethernet**

Ethernet-Switch, Adapters, Data Cables, M12 Bus Connectors

| <b>0982 EEC 100</b>   |  |   |      |           |                  |             |                  |       |                  |       |                  |       |
|---|--|---|------|-----------|------------------|-------------|------------------|-------|------------------|-------|------------------|-------|
|    | Ethernet-Switch, IP 67, 5-port switch for 10 and 100 Mbaud transmission rates, M12 socket 4 poles, D coding, M12 power supply 5 poles standard coding  | <table border="1"> <thead> <tr> <th>Type</th> <th>Order No.</th> </tr> </thead> <tbody> <tr> <td>0982 EEC 100</td> <td>55762</td> </tr> </tbody> </table>   | Type | Order No. | 0982 EEC 100     | 55762       |                  |       |                  |       |                  |       |
| Type  | Order No.  |   |      |           |                  |             |                  |       |                  |       |                  |       |
| 0982 EEC 100  | 55762  |   |      |           |                  |             |                  |       |                  |       |                  |       |
| <b>0981 ENC 100</b>   |  |   |      |           |                  |             |                  |       |                  |       |                  |       |
|    | RJ45/M12 adapter, female receptacle connector M12, D coding, chassis side thread PG 9, RJ45 female connector, 90 degree  | <table border="1"> <thead> <tr> <th>Type</th> <th>Order No.</th> </tr> </thead> <tbody> <tr> <td>0981 ENC 100</td> <td>63484</td> </tr> </tbody> </table>   | Type | Order No. | 0981 ENC 100     | 63484       |                  |       |                  |       |                  |       |
| Type  | Order No.  |   |      |           |                  |             |                  |       |                  |       |                  |       |
| 0981 ENC 100  | 63484  |   |      |           |                  |             |                  |       |                  |       |                  |       |
| <b>0985 342 100/... M</b>   |  |   |      |           |                  |             |                  |       |                  |       |                  |       |
|    | Industrial Ethernet data cable according to PROFINet type C, molded on both sides: with M12 male connector, D coding   | <table border="1"> <thead> <tr> <th>Type</th> <th>Order No.</th> </tr> </thead> <tbody> <tr> <td>0985 342 100/1 M</td> <td>69873</td> </tr> <tr> <td>0985 342 100/2 M</td> <td>64367</td> </tr> <tr> <td>0985 342 100/3 M</td> <td>68412</td> </tr> <tr> <td>0985 342 100/5 M</td> <td>66462</td> </tr> </tbody> </table> | Type | Order No. | 0985 342 100/1 M | 69873       | 0985 342 100/2 M | 64367 | 0985 342 100/3 M | 68412 | 0985 342 100/5 M | 66462 |
| Type  | Order No.  |   |      |           |                  |             |                  |       |                  |       |                  |       |
| 0985 342 100/1 M  | 69873  |   |      |           |                  |             |                  |       |                  |       |                  |       |
| 0985 342 100/2 M  | 64367  |   |      |           |                  |             |                  |       |                  |       |                  |       |
| 0985 342 100/3 M  | 68412  |   |      |           |                  |             |                  |       |                  |       |                  |       |
| 0985 342 100/5 M  | 66462  |   |      |           |                  |             |                  |       |                  |       |                  |       |
| <b>EM12S OCTOPUS</b>  |  |   |      |           |                  |             |                  |       |                  |       |                  |       |
|  | Field attachable Industrial Ethernet connector, M12 connector, D coding according IEC 61076-2-101, contact type pin, 4 poles, screw joint for cable PG9, insulation displacement connection  | <table border="1"> <thead> <tr> <th>Type</th> <th>Order No.</th> </tr> </thead> <tbody> <tr> <td>EM12S OCTOPUS</td> <td>934 445-001</td> </tr> </tbody> </table>  | Type | Order No. | EM12S OCTOPUS    | 934 445-001 |                  |       |                  |       |                  |       |
| Type  | Order No.  |   |      |           |                  |             |                  |       |                  |       |                  |       |
| EM12S OCTOPUS   | 934 445-001  |   |      |           |                  |             |                  |       |                  |       |                  |       |
| <b>0986 EMC 102</b>   |  |   |      |           |                  |             |                  |       |                  |       |                  |       |
|  | Field attachable Industrial Ethernet connector, M12 male connector with threaded joint, shieldable, 4 poles, D coding, assembling with spring-type terminals, especially suitable for Industrial Ethernet data cable 0985 342 000/... M                | <table border="1"> <thead> <tr> <th>Type</th> <th>Order No.</th> </tr> </thead> <tbody> <tr> <td>0986 EMC 102</td> <td>71327</td> </tr> </tbody> </table>   | Type | Order No. | 0986 EMC 102     | 71327       |                  |       |                  |       |                  |       |
| Type  | Order No.  |   |      |           |                  |             |                  |       |                  |       |                  |       |
| 0986 EMC 102  | 71327  |   |      |           |                  |             |                  |       |                  |       |                  |       |
| <b>0986 EFC 151 A</b>   |  |   |      |           |                  |             |                  |       |                  |       |                  |       |
|  | Receptacle Industrial Ethernet connector, M12 female connector for front mounting, 4 poles, D coding, adjustable, assembled stranded wire, solder contacts potted with epoxy, chassis side thread M16x1.5, especially suitable for Industrial Ethernet | <table border="1"> <thead> <tr> <th>Type</th> <th>Order No.</th> </tr> </thead> <tbody> <tr> <td>0986 EFC 151 A</td> <td>68836</td> </tr> </tbody> </table>   | Type | Order No. | 0986 EFC 151 A   | 68836       |                  |       |                  |       |                  |       |
| Type  | Order No.  |   |      |           |                  |             |                  |       |                  |       |                  |       |
| 0986 EFC 151 A  | 68836  |   |      |           |                  |             |                  |       |                  |       |                  |       |
| <b>0986 EFC 152</b>   |  |   |      |           |                  |             |                  |       |                  |       |                  |       |
|  | Receptacle Industrial Ethernet connector, M12 female connector for rear mounting, 4 poles, D coding, printed contacts, chassis side thread PG 9 (panel nut RSKF 9), especially suitable for Industrial Ethernet  | <table border="1"> <thead> <tr> <th>Type</th> <th>Order No.</th> </tr> </thead> <tbody> <tr> <td>0986 EFC 152</td> <td>64161</td> </tr> </tbody> </table>   | Type | Order No. | 0986 EFC 152     | 64161       |                  |       |                  |       |                  |       |
| Type  | Order No.  |   |      |           |                  |             |                  |       |                  |       |                  |       |
| 0986 EFC 152  | 64161  |   |      |           |                  |             |                  |       |                  |       |                  |       |



## Industrial Ethernet

### M12 Bus Connectors

#### EF12L OCTOPUS



Receptacle Industrial Ethernet connector, M12 female connector for front panel and circuit board installation, D coding according IEC 61076-2-101, solder connection, straight pins

| Type          | Order No.   |
|---------------|-------------|
| EF12L OCTOPUS | 934 451-021 |

#### EF12LW OCTOPUS



Receptacle Industrial Ethernet connector, M12 female connector for front panel and circuit board installation, D coding according IEC 61076-2-101, solder connection, angled pins

| Type           | Order No.   |
|----------------|-------------|
| EF12LW OCTOPUS | 934 451-521 |

**Industrial Ethernet**

microFX System: Data Cables, M12 Bus Connectors and Adapters, Transceiver, Contacts

**EM12FX2M PUR2x62,5L0200 EM12FX2M**



Assembled Industrial Ethernet cordset, double-ended, microFX MultiMode Fiber 2x62.5 µm; includes protection cap, 2 poles (optical)

934 572-007 02 m  
 934 572-008 05 m  
 934 572-009 10 m

| Type                             | Order No.   |
|----------------------------------|-------------|
| EM12FX2M PUR2x62,5L0200 EM12FX2M | 934 572-007 |
| EM12FX2M PUR2x62,5L0500 EM12FX2M | 934 572-008 |
| EM12FX2M PUR2x62,5L1000 EM12FX2M | 934 572-009 |

**EM12FX PG9**



Cable plug microFX to house optical and electrical contacts, strain relief by means of clamping cage, contacts to order separately, male, spring loaded connection, 2 poles (optical) + 2 poles (electrical), screw joint for cable PG9

| Type       | Order No.   |
|------------|-------------|
| EM12FX PG9 | 934 540-001 |

**EF12M4FX-EF124FX**



Feed-through adapter microFX with metal housing; delivery includes protection screw and mounting screw, female, spring loaded connection

| Type             | Order No.   |
|------------------|-------------|
| EF12M4FX-EF124FX | 934 546-001 |

**EF124FX-EF124FX**



Cable adapter microFX with metal housing, delivery includes protection screw, female, spring loaded connection, 2 poles (optical) + 2 poles (electrical)

| Type            | Order No.   |
|-----------------|-------------|
| EF124FX-EF124FX | 934 547-001 |

**EF12H FXM**



100Base-FX Transceiver microFX for Multimode application 1310 nm, 125 MBit/s with metal housing, acc. to IEEE 802.3, with FDDI PMD standard; including protection screw and mounting screw, female connection, 2 poles (optical) + 2 poles (electrical)

| Type      | Order No.   |
|-----------|-------------|
| EF12H FXM | 934 545-002 |

**RSFX M50-62,5**



Optical contact microFX for Multimode fiber 50/125 µm or 62.5/125 µm, gluing/crimp connection, pin dimension 1.25 mm

| Type          | Order No.   |
|---------------|-------------|
| RSFX M50-62,5 | 934 542-003 |

**RSC 1000**



Electrical contact microFX, conductor size max. 1 mm², crimp connection, pin dimension 1.0 mm

| Type     | Order No.   |
|----------|-------------|
| RSC 1000 | 934 543-001 |

**LioN-Link**  
BusHeads

**0940 PSL 60.. | 0940 CSL 601 | 0940 DSL 601**



LioN-Link BusHead IP 67 bus coupler module for the connection between the higher level fieldbus and the fieldbus independent I/O modules, with M12 bus connection, rotary switches for addressing, M12 LioN-Link connection, M12 power supply connection

0940 PSL 601: Profibus-Slave

0940 PSL 602 (DP V1): Profibus-Slave, supports Profibus DP-V1 (acyclic communication)

0940 PSL 603: Profibus-Slave, for applications such as tool change or options handling with LioN-Link I/O module 0942 UEM 670

0940 CSL 601: CANopen®-Slave

0940 DSL 601: DeviceNet-Slave

| Type         | Order No. |
|--------------|-----------|
| 0940 PSL 601 | 87058     |
| 0940 PSL 602 | 106172    |
| 0940 PSL 603 | 104873    |
| 0940 CSL 601 | 89975     |
| 0940 DSL 601 | 89974     |

**0940 ESL 601**



LioN-Link BusHead IP 67 bus coupler module for the connection between the higher level fieldbus and the fieldbus independent I/O modules, with M12 LioN-Link connection, M12 power supply connection

ProfiNet-I/O-Device-Slave (ProfiNet LAN) M12 LAN connection, D coded, integrated 3-port switch, web server, IRT (Isochrone Real Time communication)

| Type         | Order No. |
|--------------|-----------|
| 0940 ESL 601 | 105689    |

**LioN-Link**  
I/O Modules

**0942 UEM 650**



**8 IN/8 OUT universal**

LioN-Link I/O module with 8 digital I/O channels, channels can be used universally as inputs or outputs, M8 sockets (8 x), 3 poles, M12 actuator supply

| Type         | Order No. |
|--------------|-----------|
| 0942 UEM 650 | 87040     |

**0942 UEM 651**



**8 IN**

LioN-Link I/O module with 8 digital inputs to connect standard sensors, M8 sockets (8 x), 3 poles

| Type         | Order No. |
|--------------|-----------|
| 0942 UEM 651 | 87043     |

**0942 UEM 600**



**8 IN/8 OUT universal**

LioN-Link I/O module with 8 digital I/O channels, channels can be used universally as inputs or outputs, M12 sockets (4 x), 5 poles, M12 actuator supply

| Type         | Order No. |
|--------------|-----------|
| 0942 UEM 600 | 92356     |

**0942 UEM 601**



**8 IN**

LioN-Link I/O module with 8 digital inputs to connect standard sensors, M12 sockets (4 x), 5 poles

| Type         | Order No. |
|--------------|-----------|
| 0942 UEM 601 | 93201     |

**0942 UEM 630**



**4 IN**

LioN-Link I/O module with 4 analog inputs 0(4)–20 mA to connect standard sensors, M12 sockets (4 x), 5 poles

| Type         | Order No. |
|--------------|-----------|
| 0942 UEM 630 | 102076    |

**0942 UEM 631**



**4 IN**

LioN-Link I/O module with 4 analog inputs 0–10 V to connect standard sensors, M12 sockets (4 x), 5 poles

| Type         | Order No. |
|--------------|-----------|
| 0942 UEM 631 | 102080    |

**LioN-Link**  
I/O Modules

**0942 UEM 700**



**16 IN/16 OUT universal**

LioN-Link I/O module with 16 digital I/O channels, channels can be used universally as inputs or outputs, M12 sockets (8x), 5 poles, 7/8" actuator supply

| Type         | Order No. |
|--------------|-----------|
| 0942 UEM 700 | 93199     |

**0942 UEM 701**



**16 IN**

LioN-Link I/O module with 16 digital inputs to connect standard sensors, M12 sockets (8x), 5 poles

| Type         | Order No. |
|--------------|-----------|
| 0942 UEM 701 | 93198     |

**0942 UEM 780/5 M**



**16 IN/16 OUT universal**

LioN-Link I/O module with 16 digital I/O channels, channels can be used universally as inputs or outputs, multipole cable interface to connect valve terminals, control consoles, manual tool changing devices, IP20 terminal boxes

| Type             | Order No. |
|------------------|-----------|
| 0942 UEM 780/5 M | 105165    |

**0942 UEM 782/1 M**



**16 OUT**

LioN-Link I/O module with 16 digital outputs, multipole cable interface to connect valve terminals, manual tool changing devices, IP20 terminal boxes

| Type             | Order No. |
|------------------|-----------|
| 0942 UEM 782/1 M | 102840    |

**0942 UEM 783**



**8 IN/4 OUT (digital or analog)**

LioN-Link Motion module with 8 digital inputs and 4 universal outputs that can be configured for the connection of brushless motors, DC motors or for valves. System specific specifications such as speed and acceleration/deceleration can be transmitted via the DP-V1\* protocol. Power supply is via a connecting cable with 7/8" connector.

| Type         | Order No. |
|--------------|-----------|
| 0942 UEM 783 | 102163    |

\* = only with 0940 PSL 602 or 0940 ESL 601

**0942 UEM 670**



**8 IN/8 OUT universal**

LioN-Link I/O module with 8 digital I/O channels, channels can be used universally as inputs or outputs, M8 sockets, 3 poles

| Type         | Order No. |
|--------------|-----------|
| 0942 UEM 670 | 104872    |

Input or output functionality can be switched off while retaining the respective address range\*.

\* = only with 0940 PSL 603

**LioN-Link**

I/O Modules, Power Distributor

**0942 UEM 602**



**4 OUT**

LioN-Link I/O module with 4 digital outputs, M12 sockets (4x), 5 poles, 2 A per channel, one channel per socket

| Type         | Order No. |
|--------------|-----------|
| 0942 UEM 602 | 108105    |

**0942 UEM 612**



**4 OUT**

LioN-Link I/O module with 4 digital outputs, M12 sockets (4x), 5 poles, M12 actuator supply, 2 A per channel, one channel per socket

– Suitable for safety critical applications within Performance Levels A through D –

| Type         | Order No. |
|--------------|-----------|
| 0942 UEM 612 | 108106    |

**0942 UEM 620**



**4 IN / 4 OUT universal**

LioN-Link I/O module with 4 I/O-Link channels, each channel can be configured universally in standard digital I/O mode (SIO mode) or in communications mode, M12 sockets, 4 poles

– Only with BusHead 0940 PSL 602 or ProfiNet BusHead 0940 ESL 601 –

| Type         | Order No. |
|--------------|-----------|
| 0942 UEM 620 | 108053    |

**0941 UNC 601/10 M**



LioN-Link power distributor, 4x M12 ports, 2 potential circuits, 10 m cable with 5x1 mm<sup>2</sup>

| Type              | Order No. |
|-------------------|-----------|
| 0941 UNC 601/10 M | 96720     |

**0906 UTP 104**



T-connector/splitter, 2-way, M12 female connector with two M12 male connectors, 5 poles, with mounting hole

– especially suitable to connect 24 V intermediate power supply with LioN-Link-I/O modules –

| Type         | Order No. |
|--------------|-----------|
| 0906 UTP 104 | 98611     |

**Actuator/Sensor Distributors**

M8 Distributors, M12 Distributors (Stainless Steel)

**ASBSM.../LED**



**M8 Distributor**  
Pluggable miniature actuator/sensor distribution box with LED operation and function indicators, 4–10 ports, M8 socket, 3 poles, 1 signal per socket, M12 connection for the control cable (type: RKT 12-348/...M)

| Type           | Order No. |
|----------------|-----------|
| ASBSM 4/LED 3  | 65305     |
| ASBSM 6/LED 3  | 65346     |
| ASBSM 8/LED 3  | 65347     |
| ASBSM 10/LED 3 | 65348     |

**ASBM.../LED**



**M8 Distributor**  
Miniature actuator/sensor distribution box with LED operation and function indicators, 4–12 ports, M8 socket, 3 poles, 1 signal per socket, integrated control cable  
  
Outer jacket material:  
343 | 344 | 345 | 346 | 347 = PUR halogen-free, black

| Type                   | Order No. |
|------------------------|-----------|
| ASBM 4/LED 3-343/5 M   | 65349     |
| ASBM 4/LED 3-343/10 M  | 65350     |
| ASBM 4/LED 3-343/15 M  | 65351     |
| ASBM 6/LED 3-344/5 M   | 65352     |
| ASBM 6/LED 3-344/10 M  | 65353     |
| ASBM 6/LED 3-344/15 M  | 65354     |
| ASBM 8/LED 3-345/5 M   | 65355     |
| ASBM 8/LED 3-345/10 M  | 65356     |
| ASBM 8/LED 3-345/15 M  | 65357     |
| ASBM 10/LED 3-346/5 M  | 65358     |
| ASBM 10/LED 3-346/10 M | 65359     |
| ASBM 10/LED 3-346/15 M | 65360     |
| ASBM 12/LED 3-347/5 M  | 65361     |
| ASBM 12/LED 3-347/10 M | 65362     |
| ASBM 12/LED 3-347/15 M | 65363     |

**SBS 4/LED**



**M8 Distributor**  
Pluggable miniature sensor distribution box with LED operation and function indicators, 4 ports, M8 socket, 3 poles, 1 signal per socket, M12 connection for the control cable

| Type        | Order No. |
|-------------|-----------|
| SBS 4/LED 3 | 12124     |

**SB 8/LED**



**M8 Distributor**  
Miniature sensor distribution box with LED operation and function indicators, 8 ports, M8 socket, 3 poles, 1 signal per socket, integrated control cable  
  
Outer jacket material:  
333 = PUR halogen-free, black

| Type                | Order No. |
|---------------------|-----------|
| SB 8/LED 3-333/5 M  | 60637     |
| SB 8/LED 3-333/10 M | 60636     |

**ASNBV 8/LED**



**M12 Distributor (stainless steel)**  
Actuator/sensor distribution box with LED operation and function indicators, housing and receptacle shells in stainless steel, 8 ports, M12 socket, 5 poles, 2 signals per socket, integrated control cable  
  
– especially designed for use in food processing –  
  
Outer jacket material: 278 = PVC, black

| Type                   | Order No. |
|------------------------|-----------|
| ASNBV 8/LED 5-278/5 M  | 38552     |
| ASNBV 8/LED 5-278/10 M | 30608     |
| ASNBV 8/LED 5-278/15 M | 38551     |

**ASNBL 8/LED**





**M12 Distributor (stainless steel)**  
Actuator/sensor distribution box with LED operation and function indicators, housing and receptacle shells in stainless steel, with lateral ports, 8 ports, M12 socket, 4 poles, 1 signal per socket, integrated control cable  
  
– especially designed for use in food processing –  
  
Outer jacket material: 320 = PVC, black


| Type                     | Order No. |
|--------------------------|-----------|
| ASNBL 8/LED 5-4-320/5 M  | 58453     |
| ASNBL 8/LED 5-4-320/10 M | 58459     |
| ASNBL 8/LED 5-4-320/15 M | 58460     |


**Actuator/Sensor Distributors**


M12 Distributors


| ASB   |   |  |  |      |           |                   |       |                    |       |                   |       |                    |       |                   |       |                    |       |
|---|---|--|--|------|-----------|-------------------|-------|--------------------|-------|-------------------|-------|--------------------|-------|-------------------|-------|--------------------|-------|
|  | <b>M12 Distributor</b>                    | Actuator/sensor distribution box, 4, 6 and 8 ports, M12 socket, 4 poles, 1 signal per socket, earth connection, integrated control cable |  |      |           |                   |       |                    |       |                   |       |                    |       |                   |       |                    |       |
|   | Outer jacket material:<br>328   330   331 | = PUR halogen-free, black  |  |      |           |                   |       |                    |       |                   |       |                    |       |                   |       |                    |       |
|   |   |  | <table border="1"> <thead> <tr> <th>Type</th> <th>Order No.</th> </tr> </thead> <tbody> <tr> <td>ASB 4 5-4-328/5 M</td> <td>60640</td> </tr> <tr> <td>ASB 4 5-4-328/10 M</td> <td>60555</td> </tr> <tr> <td>ASB 6 5-4-330/5 M</td> <td>60583</td> </tr> <tr> <td>ASB 6 5-4-330/10 M</td> <td>60580</td> </tr> <tr> <td>ASB 8 5-4-331/5 M</td> <td>60585</td> </tr> <tr> <td>ASB 8 5-4-331/10 M</td> <td>60584</td> </tr> </tbody> </table> | Type | Order No. | ASB 4 5-4-328/5 M | 60640 | ASB 4 5-4-328/10 M | 60555 | ASB 6 5-4-330/5 M | 60583 | ASB 6 5-4-330/10 M | 60580 | ASB 8 5-4-331/5 M | 60585 | ASB 8 5-4-331/10 M | 60584 |
| Type  | Order No.                                 |  |  |      |           |                   |       |                    |       |                   |       |                    |       |                   |       |                    |       |
| ASB 4 5-4-328/5 M   | 60640                                     |  |  |      |           |                   |       |                    |       |                   |       |                    |       |                   |       |                    |       |
| ASB 4 5-4-328/10 M  | 60555                                     |  |  |      |           |                   |       |                    |       |                   |       |                    |       |                   |       |                    |       |
| ASB 6 5-4-330/5 M   | 60583                                     |  |  |      |           |                   |       |                    |       |                   |       |                    |       |                   |       |                    |       |
| ASB 6 5-4-330/10 M  | 60580                                     |  |  |      |           |                   |       |                    |       |                   |       |                    |       |                   |       |                    |       |
| ASB 8 5-4-331/5 M   | 60585                                     |  |  |      |           |                   |       |                    |       |                   |       |                    |       |                   |       |                    |       |
| ASB 8 5-4-331/10 M  | 60584                                     |  |  |      |           |                   |       |                    |       |                   |       |                    |       |                   |       |                    |       |


| ASB.../LED  |   |   |  |      |           |                       |       |                        |       |                       |       |                        |       |                       |       |                        |       |
|---|---|---|--|------|-----------|-----------------------|-------|------------------------|-------|-----------------------|-------|------------------------|-------|-----------------------|-------|------------------------|-------|
|  | <b>M12 Distributor</b>                    | Actuator/sensor distribution box with LED operation and function indicators, 4, 6 and 8 ports, M12 socket, 4 poles, 1 signal per socket, earth connection, integrated control cable |  |      |           |                       |       |                        |       |                       |       |                        |       |                       |       |                        |       |
|   | Outer jacket material:<br>328   330   331 | = PUR halogen-free, black   |  |      |           |                       |       |                        |       |                       |       |                        |       |                       |       |                        |       |
|   |   |   | <table border="1"> <thead> <tr> <th>Type</th> <th>Order No.</th> </tr> </thead> <tbody> <tr> <td>ASB 4/LED 5-4-328/5 M</td> <td>60644</td> </tr> <tr> <td>ASB 4/LED 5-4-328/10 M</td> <td>60643</td> </tr> <tr> <td>ASB 6/LED 5-4-330/5 M</td> <td>60600</td> </tr> <tr> <td>ASB 6/LED 5-4-330/10 M</td> <td>60656</td> </tr> <tr> <td>ASB 8/LED 5-4-331/5 M</td> <td>60603</td> </tr> <tr> <td>ASB 8/LED 5-4-331/10 M</td> <td>60602</td> </tr> </tbody> </table> | Type | Order No. | ASB 4/LED 5-4-328/5 M | 60644 | ASB 4/LED 5-4-328/10 M | 60643 | ASB 6/LED 5-4-330/5 M | 60600 | ASB 6/LED 5-4-330/10 M | 60656 | ASB 8/LED 5-4-331/5 M | 60603 | ASB 8/LED 5-4-331/10 M | 60602 |
| Type  | Order No.                                 |   |  |      |           |                       |       |                        |       |                       |       |                        |       |                       |       |                        |       |
| ASB 4/LED 5-4-328/5 M   | 60644                                     |   |  |      |           |                       |       |                        |       |                       |       |                        |       |                       |       |                        |       |
| ASB 4/LED 5-4-328/10 M  | 60643                                     |   |  |      |           |                       |       |                        |       |                       |       |                        |       |                       |       |                        |       |
| ASB 6/LED 5-4-330/5 M   | 60600                                     |   |  |      |           |                       |       |                        |       |                       |       |                        |       |                       |       |                        |       |
| ASB 6/LED 5-4-330/10 M  | 60656                                     |   |  |      |           |                       |       |                        |       |                       |       |                        |       |                       |       |                        |       |
| ASB 8/LED 5-4-331/5 M   | 60603                                     |   |  |      |           |                       |       |                        |       |                       |       |                        |       |                       |       |                        |       |
| ASB 8/LED 5-4-331/10 M  | 60602                                     |   |  |      |           |                       |       |                        |       |                       |       |                        |       |                       |       |                        |       |

| ASB 8/LED 5-4/1.5 M  |                        |   |  |      |           |                     |
|--|------------------------|---|--|------|-----------|---------------------|
|  | <b>M12 Distributor</b> | Actuator/sensor distribution box with LED operation and function indicators and single wire connection on the back, 8 ports, M12 socket, 4 poles, 1 signal per socket, earth connection |  |      |           |                     |
|  |                        |   | <table border="1"> <thead> <tr> <th>Type</th> <th>Order No.</th> </tr> </thead> <tbody> <tr> <td>ASB 8/LED 5-4/1.5 M</td> <td>11116</td> </tr> </tbody> </table> | Type | Order No. | ASB 8/LED 5-4/1.5 M |
| Type   | Order No.              |   |  |      |           |                     |
| ASB 8/LED 5-4/1.5 M  | 11116                  |   |  |      |           |                     |

| ASBV  |   |   |  |      |           |                  |       |                   |       |                  |       |                   |       |                  |       |                   |       |
|---|---|---|--|------|-----------|------------------|-------|-------------------|-------|------------------|-------|-------------------|-------|------------------|-------|-------------------|-------|
|  | <b>M12 Distributor</b>                    | Actuator/sensor distribution box, 4, 6 and 8 ports, M12 socket, 5 poles, 2 signals per socket, earth connection, integrated control cable |  |      |           |                  |       |                   |       |                  |       |                   |       |                  |       |                   |       |
|   | Outer jacket material:<br>256   332   242 | = PUR halogen-free, black   |  |      |           |                  |       |                   |       |                  |       |                   |       |                  |       |                   |       |
|   |   |   | <table border="1"> <thead> <tr> <th>Type</th> <th>Order No.</th> </tr> </thead> <tbody> <tr> <td>ASBV 4 5-256/5 M</td> <td>60605</td> </tr> <tr> <td>ASBV 4 5-256/10 M</td> <td>60604</td> </tr> <tr> <td>ASBV 6 5-332/5 M</td> <td>60669</td> </tr> <tr> <td>ASBV 6 5-332/10 M</td> <td>60666</td> </tr> <tr> <td>ASBV 8 5-242/5 M</td> <td>60671</td> </tr> <tr> <td>ASBV 8 5-242/10 M</td> <td>60670</td> </tr> </tbody> </table> | Type | Order No. | ASBV 4 5-256/5 M | 60605 | ASBV 4 5-256/10 M | 60604 | ASBV 6 5-332/5 M | 60669 | ASBV 6 5-332/10 M | 60666 | ASBV 8 5-242/5 M | 60671 | ASBV 8 5-242/10 M | 60670 |
| Type  | Order No.                                 |   |  |      |           |                  |       |                   |       |                  |       |                   |       |                  |       |                   |       |
| ASBV 4 5-256/5 M  | 60605                                     |   |  |      |           |                  |       |                   |       |                  |       |                   |       |                  |       |                   |       |
| ASBV 4 5-256/10 M   | 60604                                     |   |  |      |           |                  |       |                   |       |                  |       |                   |       |                  |       |                   |       |
| ASBV 6 5-332/5 M  | 60669                                     |   |  |      |           |                  |       |                   |       |                  |       |                   |       |                  |       |                   |       |
| ASBV 6 5-332/10 M   | 60666                                     |   |  |      |           |                  |       |                   |       |                  |       |                   |       |                  |       |                   |       |
| ASBV 8 5-242/5 M  | 60671                                     |   |  |      |           |                  |       |                   |       |                  |       |                   |       |                  |       |                   |       |
| ASBV 8 5-242/10 M   | 60670                                     |   |  |      |           |                  |       |                   |       |                  |       |                   |       |                  |       |                   |       |

| ASBV.../LED   |   |  |   |      |           |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |
|---|---|--|---|------|-----------|----------------------|-------|-----------------------|-------|-----------------------|-------|----------------------|-------|-----------------------|-------|-----------------------|-------|----------------------|-------|-----------------------|-------|-----------------------|-------|
|  | <b>M12 Distributor</b>                    | Actuator/sensor distribution box with LED operation and function indicators, 4, 6 and 8 ports, M12 socket, 5 poles, 2 signals per socket, earth connection, integrated control cable |   |      |           |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |
|   | Outer jacket material:<br>256   332   242 | = PUR halogen-free, black  |   |      |           |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |
|   |   |  | <table border="1"> <thead> <tr> <th>Type</th> <th>Order No.</th> </tr> </thead> <tbody> <tr> <td>ASBV 4/LED 5-256/5 M</td> <td>11147</td> </tr> <tr> <td>ASBV 4/LED 5-256/10 M</td> <td>11145</td> </tr> <tr> <td>ASBV 4/LED 5-256/15 M</td> <td>11146</td> </tr> <tr> <td>ASBV 6/LED 5-332/5 M</td> <td>60674</td> </tr> <tr> <td>ASBV 6/LED 5-332/10 M</td> <td>60672</td> </tr> <tr> <td>ASBV 6/LED 5-332/15 M</td> <td>60673</td> </tr> <tr> <td>ASBV 8/LED 5-242/5 M</td> <td>11167</td> </tr> <tr> <td>ASBV 8/LED 5-242/10 M</td> <td>11165</td> </tr> <tr> <td>ASBV 8/LED 5-242/15 M</td> <td>11166</td> </tr> </tbody> </table> | Type | Order No. | ASBV 4/LED 5-256/5 M | 11147 | ASBV 4/LED 5-256/10 M | 11145 | ASBV 4/LED 5-256/15 M | 11146 | ASBV 6/LED 5-332/5 M | 60674 | ASBV 6/LED 5-332/10 M | 60672 | ASBV 6/LED 5-332/15 M | 60673 | ASBV 8/LED 5-242/5 M | 11167 | ASBV 8/LED 5-242/10 M | 11165 | ASBV 8/LED 5-242/15 M | 11166 |
| Type  | Order No.                                 |  |   |      |           |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |
| ASBV 4/LED 5-256/5 M  | 11147                                     |  |   |      |           |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |
| ASBV 4/LED 5-256/10 M   | 11145                                     |  |   |      |           |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |
| ASBV 4/LED 5-256/15 M   | 11146                                     |  |   |      |           |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |
| ASBV 6/LED 5-332/5 M  | 60674                                     |  |   |      |           |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |
| ASBV 6/LED 5-332/10 M   | 60672                                     |  |   |      |           |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |
| ASBV 6/LED 5-332/15 M   | 60673                                     |  |   |      |           |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |
| ASBV 8/LED 5-242/5 M  | 11167                                     |  |   |      |           |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |
| ASBV 8/LED 5-242/10 M   | 11165                                     |  |   |      |           |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |
| ASBV 8/LED 5-242/15 M   | 11166                                     |  |   |      |           |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |                      |       |                       |       |                       |       |

| ASBS  |                        |   |   |      |           |            |       |            |
|---|------------------------|---|---|------|-----------|------------|-------|------------|
|  | <b>M12 Distributor</b> | Pluggable actuator/sensor distribution box, 6 and 8 ports, M12 socket, 4 poles, 1 signal per socket, earth connection, M23 connection for the control cable |   |      |           |            |       |            |
|   |                        |   | <table border="1"> <thead> <tr> <th>Type</th> <th>Order No.</th> </tr> </thead> <tbody> <tr> <td>ASBS 6 5-4</td> <td>11127</td> </tr> <tr> <td>ASBS 8 5-4</td> <td>11129</td> </tr> </tbody> </table> | Type | Order No. | ASBS 6 5-4 | 11127 | ASBS 8 5-4 |
| Type  | Order No.              |   |   |      |           |            |       |            |
| ASBS 6 5-4  | 11127                  |   |   |      |           |            |       |            |
| ASBS 8 5-4  | 11129                  |   |   |      |           |            |       |            |

| ASBS.../LED   |                        |   |   |      |           |                |       |                |       |                |
|---|------------------------|---|---|------|-----------|----------------|-------|----------------|-------|----------------|
|  | <b>M12 Distributor</b> | Pluggable actuator/sensor distribution box with LED operation and function indicators, 4, 6 and 8 ports, M12 socket, 4 poles, 1 signal per socket, earth connection, M23 connection for the control cable |   |      |           |                |       |                |       |                |
|   |                        |   | <table border="1"> <thead> <tr> <th>Type</th> <th>Order No.</th> </tr> </thead> <tbody> <tr> <td>ASBS 4/LED 5-4</td> <td>11126</td> </tr> <tr> <td>ASBS 6/LED 5-4</td> <td>11128</td> </tr> <tr> <td>ASBS 8/LED 5-4</td> <td>11130</td> </tr> </tbody> </table> | Type | Order No. | ASBS 4/LED 5-4 | 11126 | ASBS 6/LED 5-4 | 11128 | ASBS 8/LED 5-4 |
| Type  | Order No.              |   |   |      |           |                |       |                |       |                |
| ASBS 4/LED 5-4  | 11126                  |   |   |      |           |                |       |                |       |                |
| ASBS 6/LED 5-4  | 11128                  |   |   |      |           |                |       |                |       |                |
| ASBS 8/LED 5-4  | 11130                  |   |   |      |           |                |       |                |       |                |



**Actuator/Sensor Distributors**

M12 Distributors

**ASBS 8/LED 5-4/4E4A**



**M12 Distributor**

Pluggable actuator/sensor distribution box with LED operation and function indicators, to connect 4 standard sensors and 4 standard actuators with separate power supply for inputs and outputs, 8 ports, M12 socket, 4 poles, 1 signal per socket, M23 connection for the control cable

| Type                 | Order No. |
|----------------------|-----------|
| ASBS 8/LED 5-4/4E-4A | 53499     |

**ASBSV**



**M12 Distributor**

Pluggable actuator/sensor distribution box, 4, 6 and 8 ports, M12 socket, 5 poles, 2 signals per socket, earth connection, M23 connection for the control cable

| Type      | Order No. |
|-----------|-----------|
| ASBSV 4 5 | 11133     |
| ASBSV 6 5 | 11135     |
| ASBSV 8 5 | 11137     |

**ASBSV.../LED**



**M12 Distributor**

Pluggable actuator/sensor distribution box with LED operation and function indicators, 4, 6 and 8 ports, M12 socket, 5 poles, 2 signals per socket, earth connection, M23 connection for the control cable

| Type          | Order No. |
|---------------|-----------|
| ASBSV 4/LED 5 | 11134     |
| ASBSV 6/LED 5 | 11136     |
| ASBSV 8/LED 5 | 11138     |

**ASBSVD 8/LED W5**



**M12 Distributor**

Pluggable actuator/sensor distribution box with LED operation and function indicators, 8 ports, with integrated fuses and diagnostic display, combined FIXCON/M12 socket, 5 poles, M23 connection for the control cable

| Type            | Order No. |
|-----------------|-----------|
| ASBSVD 8/LED W5 | 75653     |

**RSWU 12-ASB 8/LED**



**M23 male connector, angled – M12 Distributor**

Actuator/sensor distribution box with LED operation and function indicators, 8 ports, M12 socket, 4 poles, 1 signal per socket, earth connection, integrated control cable with M23 male right angle connector, 12 poles

Outer jacket material:  
331 = PUR halogen-free, black

| Type                          | Order No. |
|-------------------------------|-----------|
| RSWU 12-ASB 8/LED 5-4-331/5 M | 60720     |

**RSWU 12-SB 8/LED**



**M23 male connector, angled – M8 Distributor**

Miniature sensor distribution box with LED operation and function indicators, 8 ports, screw-lock M8 socket, 3 poles, 1 signal per socket, earth connection, integrated control cable with M23 male right angle connector, 12 poles

Outer jacket material:  
333 = PUR halogen-free, black

| Type                       | Order No. |
|----------------------------|-----------|
| RSWU 12-SB 8/LED 3-333/5 M | 60724     |