

**M12-Receptacle Connectors In Accordance With IEC 61076-2-101**

RSFPM.../0.5 M | RKFPM.../0.5 M



**Male, 3-, 4-, 5- and 8-Pole**

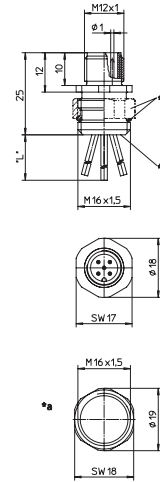
M12 Receptacle connector, combined FIXCON/ M12 male connector for front mounting, adjustable, assembled stranded wire, solder contacts potted with epoxy, chassis side thread M16 x 1.5.



**Female, 3-, 4-, 5- and 8-Pole**

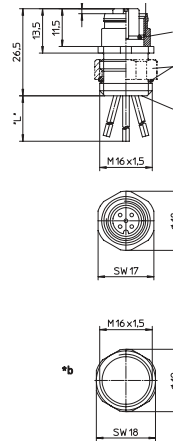
M12 Receptacle connector, combined FIXCON/ M12 female connector for front mounting, adjustable, assembled stranded wire, solder contacts potted with epoxy, chassis side thread M16 x 1.5.

**RSFPM.../0.5 M**



\*a O-ring enclosed separately  
\*b solder contacts potted with epoxy  
L\*0.5 m

**RKFPM.../0.5 M**

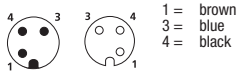


\*a O-ring enclosed separately  
\*b solder contacts potted with epoxy  
L\*0.5 m

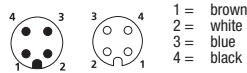
**Pin Assignments**

Face Views / M12, Male / Female

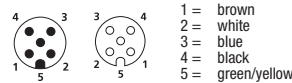
**3 pole**



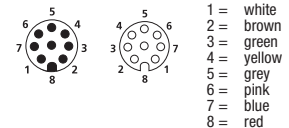
**4 pole**



**5 pole**



**8 pole**





# Be Certain with Belden

## M12-Receptacle Connectors In Accordance With IEC 61076-2-101 RSFPM.../0.5 M | RKFPM.../0.5 M

### Technical Data

#### Environmental







Degree of protection IP 67 / NEMA 6P  
Operating temperature range -25°C (-13°F) / +80°C (+176°F)

#### Mechanical

Housing / Molded body CuZn, nickel-plated  
Insert PA  
8 poles TPU  
Contact CuZn, pre-nickel and 0.8 microns gold-plated  
O-ring FKM  
RSFM.../20: Neoprene

#### Electrical

Contact resistance ≤ 5 mΩ  
Nominal current at 40°C 3–5 poles 4 A  
8 poles 1,5 A  
Nominal voltage 3–4 poles 240 V  
5 poles 60 V  
poles 30 V  
Rated voltage 3–4 poles 250 V  
5 poles 63 V  
8 poles 36 V  
Test voltage 3–4 poles 2.0 kV eff. / 60 s  
5–8 poles 1.5 kV eff. / 60 s  
Insulation resistance > 10<sup>9</sup> Ω  
Pollution degree 3

Part Number		Pins	Lead (mm <sup>2</sup> )	Characteristics
RSFPM 3/0,5 M	RKFPM 4-3/0,5 M	3	0.34	 
RSFPM 4/0,5 M	RKFPM 4/0,5 M	4	0.34	 
RSFPM 5/0,5 M	RKFPM 5/0,5 M	5	4 x 0.34 / 1 x 0.50	 
RSFPM 8/0,5 M	RKFPM 8/0,5 M	8	0.25	