

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

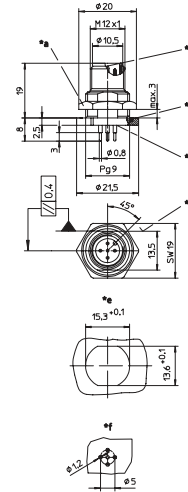
RSHL | RKHL | 0986 EFC 152



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

Receptacle connector, M12 male connector for rear mounting, 4-, 5-, and 8-pole, print contacts, chassis side thread PG 9 (panel nut RSKF 9).

**RSHL**



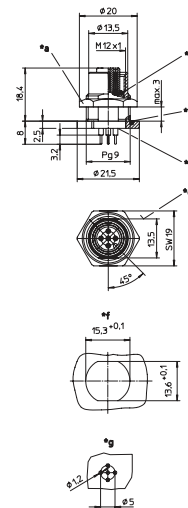
- \*a nut
- \*b O-Ring
- \*c solder contacts potted with epoxy
- \*d anti-rotation protection
- \*e cut out for anti-rotation
- \*f hole pattern in printed circuit board



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

Receptacle connector, M12 female connector for rear mounting, 4-, 5-, and 8-pole, printed contacts, chassis side thread PG 9 (panel nut RSKF 9) 0986 EFC 152: 4 poles, D coding.

**RKHL**

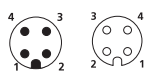


- \*a nut
- \*b O-Ring
- \*c solder contacts potted with epoxy
- \*d anti-rotation protection
- \*e cut out for anti-rotation
- \*f hole pattern in printed circuit board
- \*v center contact leading

**Pin Assignments**

Face Views / M12

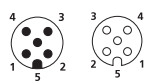
**4 poles**



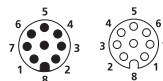
**4 poles D-Coding**



**5 poles**



**8 poles**





# Be Certain with Belden

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

RSHL | RKHL | 0986 EFC 152

### 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  
 Contact CuZn, pre-nickeled and 0.8 microns gold-plated  
 O-ring FKM2

#### Electrical

Contact resistance ≤ 5 mΩ  
 Nominal current at 40°C 4-5 poles 4 A  
 8 poles 2 A  
 Nominal voltage 4 poles 240 V;  
 5-8 poles 60 V  
 encapsulated  
 Rated voltage 4 poles 250 V;  
 5-8 poles 63 V  
 Test voltage 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	Characteristics
RSHL 4/S 5.5	RKHL 4/S 5.5	4	 
	0976 EFC 152	4D	 
RSHL 5/S 5.5	RKHL 5/S 5.5	5	 
RSHL 8/S 5,5	RKHL 8/S 5,5	8	 