

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

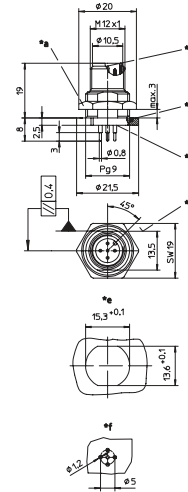
RSHL | RKHL | 0986 EFC 152



### 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



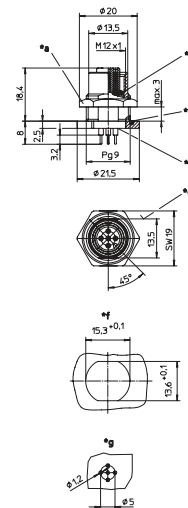
- \*a nut
- \*b O-Ring
- \*c solder contacts potted with epoxy
- \*d anti-rotation protection
- \*e cut out for anti-rotation
- \*f hole pattern in printed circuit board



### 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

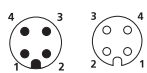


- \*a nut
- \*b O-Ring
- \*c solder contacts potted with epoxy
- \*d anti-rotation protection
- \*e cut out for anti-rotation
- \*f hole pattern in printed circuit board
- \*v center contact leading

### Pin Assignments

Face Views / M12

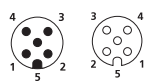
#### 4 poles



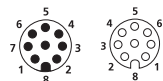
#### 4 poles D-Coding



#### 5 poles



#### 8 poles





Be Certain with Belden

**M12-Receptacle Connectors In Accordance With IEC 61076-2-101**  
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**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	<b>4</b>	
0976 EFC 152	<b>4D</b>	
RSHL 5/S 5.5      RKHL 5/S 5.5	<b>5</b>	
RSHL 8/S 5,5      RKHL 8/S 5,5	<b>8</b>	

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