

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

RSHL | RKHL | 0986 EFC 152



Male, 4-, 5- and 8-Pole

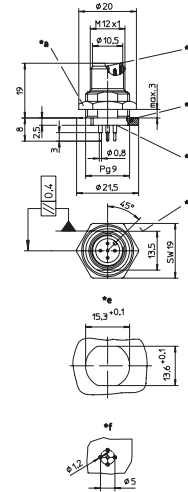
Receptacle connector, M12 male connector for rear mounting, 4-, 5-, and 8-pole, print contacts, chassis side thread PG 9 (panel nut RSKF 9).



Female, 4-, 5- and 8-Pole

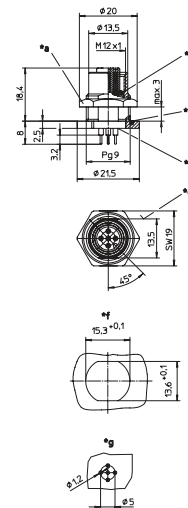
Receptacle connector, M12 female connector for rear mounting, 4-, 5-, and 8-pole, printed contacts, chassis side thread PG 9 (panel nut RSKF 9) 0986 EFC 152: 4 poles, D coding.

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

RKHL

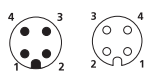


- *a nut
- *b O-Ring
- *c solder contacts potted with epoxy
- *d anti-rotation protection
- *e cut out for anti-rotation
- *f hole pattern in printed circuit board
- *v center contact leading

Pin Assignments

Face Views / M12

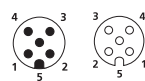
4 poles



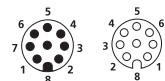
4 poles D-Coding



5 poles



8 poles





Be Certain with Belden

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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 > 10⁹ 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	 

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