

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

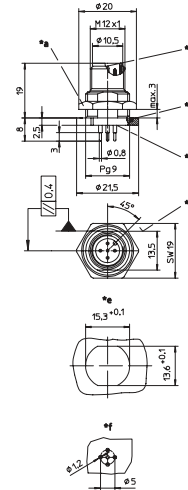
RSHL | RKHL | 0986 EFC 152



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



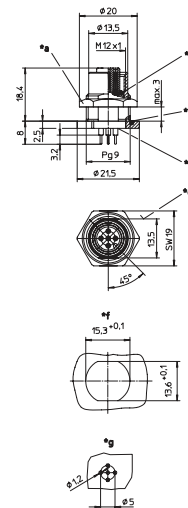
- *a nut
- *b O-Ring
- *c solder contacts potted with epoxy
- *d anti-rotation protection
- *e cut out for anti-rotation
- *f hole pattern in printed circuit board



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

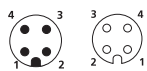


- *a nut
- *b O-Ring
- *c solder contacts potted with epoxy
- *d anti-rotation protection
- *e cut out for anti-rotation
- *f hole pattern in printed circuit board
- *v center contact leading

Pin Assignments

Face Views / M12

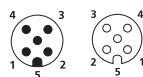
4 poles



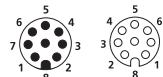
4 poles D-Coding



5 poles



8 poles





Be Certain with Belden

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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-nickel 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 ⁹ 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	 