

M8-Receptacle Connectors In Accordance With IEC 61076-2-104

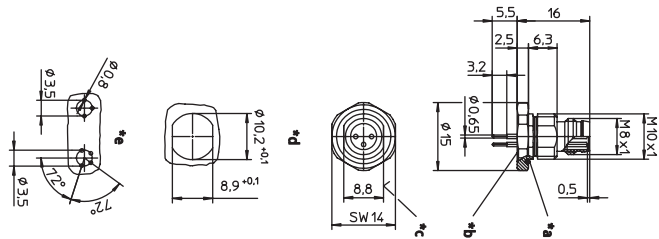
RSMHL.../S 5.5 | RKMHL.../S 5.5



Male, 3- and 4-Pole

Receptacle connector, M8 male connector for back mounting, printed contacts, chassis side thread M10 x 1 (panel nut included).

RSMHL.../S 5.5



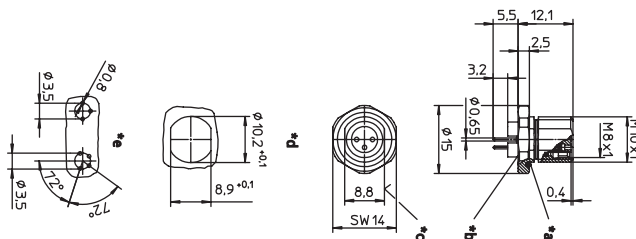
- *a O-ring
- *b solder contacts potted with epoxy
- *c anti-rotation protection
- *d cut out for anti-rotation
- *e hole pattern in printed circuit board



Female, 3- and 4-Pole

Receptacle connector, M8 female connector for back mounting, printed contacts, chassis side thread M10 x 1 (panel nut included).

RKMHL.../S 5.5

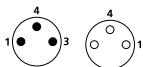


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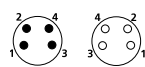
Pin Assignments

Face Views

M8 - 3 poles



M8 - 4 poles





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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	RSMHL: PA RKMHL: TPU, self-extinguishing
Contact	CuZn, pre-nickel and 0.8 microns gold-plated
O-ring	FKM
Electrical	
Contact resistance	≤ 5 mΩ
Nominal current at 40°C	4 A
Nominal voltage	3 poles 60 V 4 poles 30 V encapsulated
Test voltage	1.5 kV eff. / 60 s
Insulation resistance	> 10 ⁹ Ω
Pollution degree	3

Part Number		Pins	Characteristics
RSMHL 3/S 5,5	RKMHL 3/S 5,5	3	
RSMHL 4/S 5,5	RKMHL 4/S 5,5	4	

Mouser Electronics

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