

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

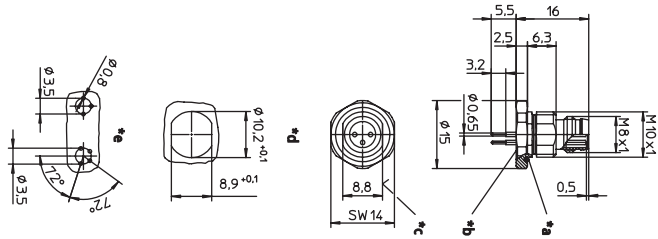
RSMHL.../S 5.5 | RKMHL.../S 5.5



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



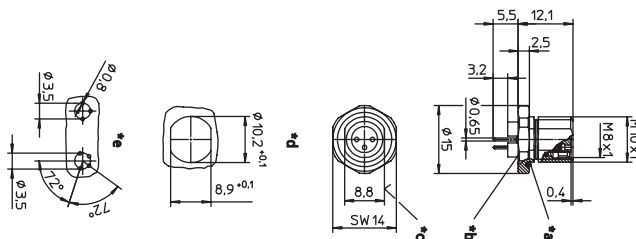
- *a O-ring
- *b solder contacts potted with epoxy
- *c anti-rotation protection
- *d cut out for anti-rotation
- *e hole pattern in printed circuit board



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

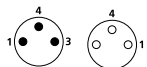


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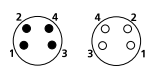
Pin Assignments

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 > 10⁹ Ω
 Pollution degree 3

Receptacles

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	

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