

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

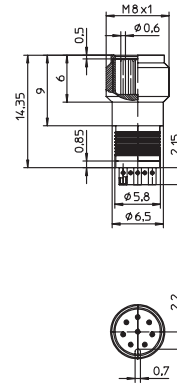
RSMEDG | RSMEDGN



Male, 8-Pole

Receptacle connector, M8 male connector for sensors, with combined snap-in/threaded joint, mounting hole for LED, short solder contacts, hollow contacts on solder side.

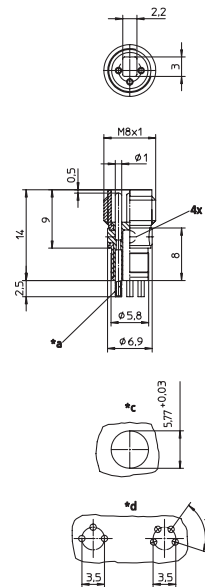
RSMEDG



Male, 3 and 4-Pole

Receptacle connector, M8 male connector for sensors, with housing of stainless steel, threaded joint, 4 light indicator windows, mounting hole for LED, short solder contacts, hollow contact on solder side.

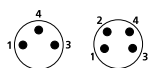
RSMEDGN



Pin Assignments

Face Views

M8 - 3 and 4 poles



M8 - 8 poles



*a hollow
*c cut out
*d hole pattern in printed circuit board



Be Certain with Belden

M8-Receptacle Connectors In Accordance With IEC 61076-2-104
 RSMEDG | RSMEDGN

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
 Mode of connection solder connection
 Connectable conductor max. 0.14 mm²

Electrical

Contact resistance ≤ 5 mΩ
 Nominal current at 40°C 1.5 A
 Nominal voltage 30 V
 Test voltage 0.5 kV eff. / 60 s
 Insulation resistance > 10⁹ Ω
 Pollution degree 3

Receptacles

Part Number	Pins	Contact (soldering side)	Characteristics
RSMEDGN 3	3		
RSMEDGN 4	4		
RSMEDG 8	8	hollow contact	