

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

RSMEJ | RSMEH | RSMED | RSMEB



Male, 3 and 4-Pole

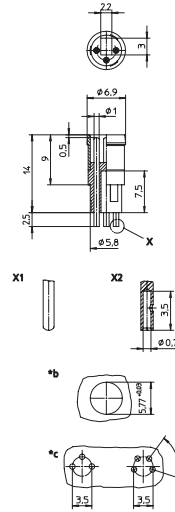
Receptacle connector, M8 male connector for sensors, with snap-in joint, translucent ring, short solder contacts, hollow contacts (RSMEJ) or solid contacts (RSMEH) on solder side.



M8 Male, 3 and 4-Pole

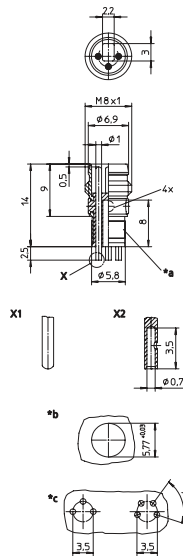
Receptacle connector, M8 male connector for sensors, with combined snap-in/threaded joint, 4 light indicator windows, mounting hole for LED, short solder contacts, hollow contacts (RSMED) or solid contacts (RSMEB) on solder side

RSMEJ | RSMEH



*X1 solid
*X2 hollow
b) cut-out
c) hole pattern in printed circuit board

RSMED | RSMEB

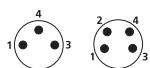


*X1 solid
*X2 hollow
b) cut-out
c) hole pattern in printed circuit board

Pin Assignments

Face Views

M8 - 3 and 4 poles





Be Certain with Belden

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RSMEJ | RSMEH | RSMED | RSMEB

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
 Mode of connection solder connection
 Connectable conductor max. 0.25 mm²

Electrical

Contact resistance ≤ 5 mΩ
 Nominal current at 40°C 4 A
 Nominal voltage 60 V
 Rated voltage 63 V
 Test voltage 1.5 kV eff. / 60 s
 Insulation resistance > 10⁹ Ω
 Pollution degree 3

Receptacles

| Part Number | | Pins | Contact (soldering side) | Characteristics |
|-------------|---------|------|--------------------------|---|
| RSMEJ 3 | RSMED 3 | 3 | hollow contact |   |
| RSMEH 3 | RSMEB 3 | | solid contact |   |
| | RSMED 4 | 4 | hollow contact |   |
| RSMEH 4 | RSMEB 4 | | solid contact |   |