

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

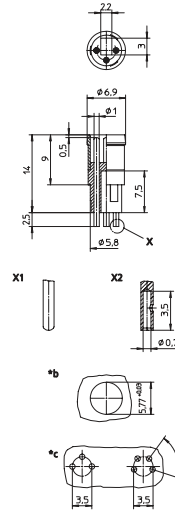
RSMEJ | RSMEH | RSMED | RSMEB



### 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.

RSMEJ | RSMEH



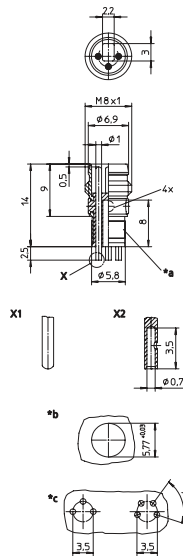
\*X1 solid  
\*X2 hollow  
\*b cut out  
\*c hole pattern in printed circuit board



### 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

RSMED | RSMEB

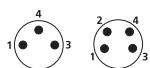


\*X1 solid  
\*X2 hollow  
\*b cut out  
\*c hole pattern in printed circuit board

### Pin Assignments

Face Views

M8 - 3 and 4 poles





Be Certain with Belden

**M8-Receptacle Connectors In Accordance With IEC 61076-2-104**  
 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 mm<sup>2</sup>

**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 > 10<sup>9</sup> Ω  
 Pollution degree 3

| 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            |   |   |

Receptacles