



**Product information**

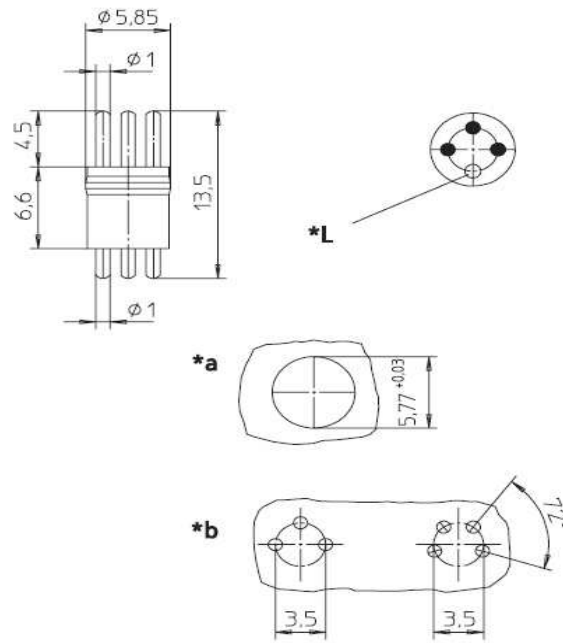
**RSMEK 3 L**

**11668**

|                                       |  |                                                                                                                                                        |
|---------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name                                  |  | RSMEK 3 L                                                                                                                                              |
|                                       |  |                                                                       |
|                                       |  | Receptacle connector, M8 male connector for sensors with short solder contacts, solid contacts on solder side, with ventilation hole 1.1 mm Ø, 3 poles |
| Delivery informations                 |  |                                                                                                                                                        |
| Availability                          |  | available                                                                                                                                              |
| Product description                   |  |                                                                                                                                                        |
| Type                                  |  | RSMEK 3 L                                                                                                                                              |
| Order No.                             |  | 11668                                                                                                                                                  |
| Description                           |  | Receptacle connector, M8 male connector for sensors with short solder contacts, solid contacts on solder side, with ventilation hole 1.1 mm Ø, 3 poles |
| Note                                  |  | The application of these products in harsh environments should always be checked before use.                                                           |
| Number of contacts                    |  | 3                                                                                                                                                      |
| Color of housing                      |  | without                                                                                                                                                |
| Product characteristics               |  | Oil resistance                                                                                                                                         |
| Classification                        |  |                                                                                                                                                        |
| Belden brand                          |  | Lumberg-Automation                                                                                                                                     |
| Mechanical data                       |  |                                                                                                                                                        |
| Type of plug-in contact               |  | Male connector                                                                                                                                         |
| Design of housing                     |  | straight                                                                                                                                               |
| Thread                                |  | M8                                                                                                                                                     |
| Design of electrical connection       |  | solder connection                                                                                                                                      |
| LED display present                   |  | ✗                                                                                                                                                      |
| Environmental conditions              |  |                                                                                                                                                        |
| Environmental temperature             |  | -25 °C ... 80 °C                                                                                                                                       |
| Pollution degree                      |  | 3                                                                                                                                                      |
| Materials                             |  |                                                                                                                                                        |
| Contact bearer material               |  | PA                                                                                                                                                     |
| Contact material                      |  | CuZn                                                                                                                                                   |
| Contact material - Surface refinement |  | pre-nickeled and 0.8 microns gold-plated                                                                                                               |
| Electrical data                       |  |                                                                                                                                                        |
| Contact resistance                    |  | ≤ 5 mΩ                                                                                                                                                 |
| Rated current In                      |  | 4 A at 40°C                                                                                                                                            |
| Nominal voltage                       |  | 60 V                                                                                                                                                   |
| Rated voltage                         |  | 63 V                                                                                                                                                   |
| Test voltage                          |  | 1.5 kV eff./60 s                                                                                                                                       |
| Insulation resistance                 |  | > 1 GΩ                                                                                                                                                 |



Picture  
Drawing



**3-polig**  
**3 poles**



\*a Einbauöffnung  
cut out

\*b Lochbild in der Leiterplatte  
hole pattern in printed circuit board

\*L Entlüftungsbohrung Ø 1,1 mm  
ventilation hole Ø 1.1 mm