

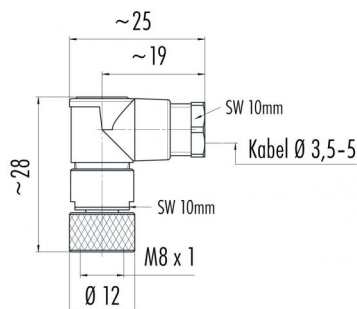
Product description M8 female angled connector, Contacts: 4, 3.5 - 5.0 mm, unshielded, solder, IP67, UL listed

Area M8 series 768
Order number 99 3378 00 04

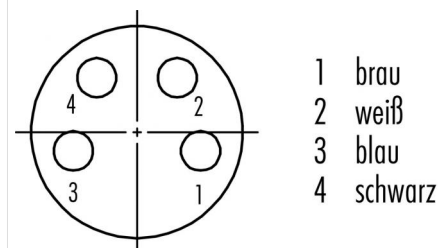
Illustration



Scale drawing



Contact arrangement (Plug-in side)



You can find the component part drawing and assembly instructions on the next page.

Technical data

General values

| | |
|--------------------------|-------------------------|
| Connector design | female angled connector |
| Connector locking system | screw |
| Termination | solder |
| Wire gauge (mm) | 0.25 mm ² |
| Wire gauge (AWG) | AWG 24 |
| Cable outlet | 3.5 - 5.0 mm |
| Upper limit temperature | 85 °C |
| Lower limit temperature | -40 °C |
| Customs tariff number | 85369010 |

Electrical values

| | |
|---------------------------|---------------------|
| Rated current (40 °C) | 4 A |
| Rated voltage | 60 V |
| Rated impulse voltage | 1500 V |
| Pollution degree | 3 |
| Overvoltage category | III |
| Insulating material group | III |
| EMC compliance | unshielded |
| Degree of protection | IP67 |
| Mechanical operation | > 100 Mating cycles |

Material

| | |
|-----------------------|----------------------------|
| Contact material | CuSn (bronze) |
| Contact plating | Au (gold) |
| Contact body material | PA |
| Housing material | PA |
| Locking material | CuZn (Brass nickel plated) |
| REACH SVHC | CAS 7439-92-1 (Lead) |

authorization/approvals

| | |
|------------|-----------|
| Approval 1 | UL listed |
|------------|-----------|

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Component part drawing

Assembly instructions / Panel cut-out

| | | |
|----------|---------------------|------------|
| | Schraubklemmversion | Lötversion |
| Maß A/mm | 4 | 3 |

| | |
|---------------------|--|
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Security notices

The connectors have been developed for applications in plant engineering, control and electrical equipment construction. The user is responsible for checking whether the connectors can also be used in other areas of application.

Plug connectors with enclosure protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the plug connectors must be protected separately against corrosion. For further information on the IP protection classes, please refer to the "Technical Information" download centre. To lock the cable connector with the device connector, the threaded ring is tightened "hand-tight" (approx. 50 cNm).