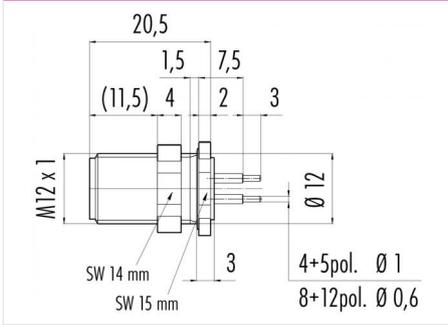


|                     |   |
|---------------------|---|
| Product description | <b>M12-B male panel mount connector, Contacts: 4, not shielded, dip-solder, IP68, UL, M12x1.0, front mounting</b> |
| Area                | <b>M12-B series 766</b>   |
| Order number        | <b>86 1033 1100 00004</b>   |

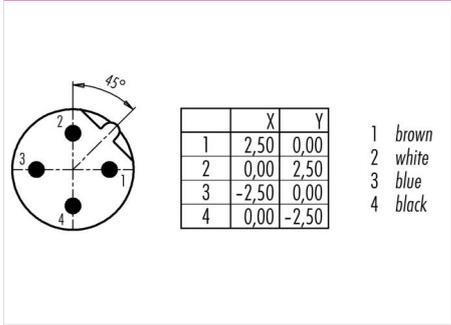
**Illustration**



**Scale drawing**



**Contact arrangement (Plug-in side)**



You can find the assembly instructions on the next page.

**Technical data**

**General values**

|                          |  |
|--------------------------|--|
| Notice                   | Please note that, due to the change from the old to the new order number, there may be deviations in the technical specifications. For questions about product details, please use the 'Contact Customer Service' form on the right. |
| Connector design         | male panel mount connector   |
| Connector locking system | screw  |
| Termination              | dip-solder   |
| Upper limit temperature  | 85 °C  |
| Lower limit temperature  | - 40 °C  |
| Customs tariff number    | 85369010   |
| Packaging Unit           | 20   |

**Cable data**

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

**Electrical values**

|                           |                     |
|---------------------------|---------------------|
| Rated current (40 °C)     | 4 A                 |
| Rated voltage             | 250 V               |
| Rated impulse voltage     | 2500 V              |
| Pollution degree          | 3                   |
| Overvoltage category      | II                  |
| Insulating material group | II                  |
| Insulation resistance     | > 10 <sup>8</sup> Ω |
| EMC compliance            | not shielded        |
| Degree of protection      | IP68                |
| Mechanical operation      | > 100 Mating cycles |

**Material**

|                       |   |
|-----------------------|---|
| Contact material      | CuZn (brass)  |
| Contact plating       | Au (gold)   |
| Contact body material | PA  |
| Housing material      | Zinc die-cast nickel-plated   |
| REACH SVHC            | CAS 80-05-7<br>(4,4'-isopropylidendiphenol)<br>CAS 7439-92-1 (Lead)<br>CAS 61788-32-7 (Terphenyl, hydrogenated) |



|                     |   |
|---------------------|---|
| Product description | <b>M12-B male panel mount connector, Contacts: 4, not shielded, dip-solder, IP68, UL, M12x1.0, front mounting</b> |
| Area                | <b>M12-B series 766</b>   |
| Order number        | <b>86 1033 1100 00004</b>   |

## Security notices

The connector must not be connected or separated under load. Non-observance and incorrect use can result in personal injury.

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.

Connectors with degree of protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the connectors must be separately protected against corrosion. For further information about IP degrees of protection refer to 'Technical support' in the Download Centre.