

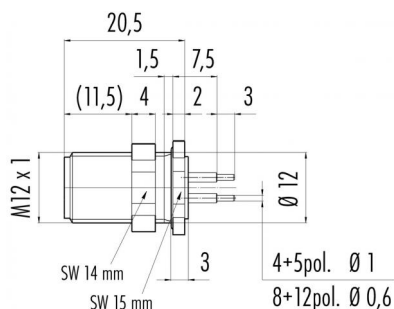
Product description **M12-B male panel mount connector, Contacts: 5, not shielded, dip-solder, IP68, UL, M12x1.0, front mounting**

Area **M12-B series 766**  
Order number **86 1033 1100 00005**

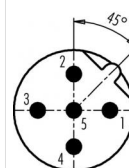
## Illustration



## Scale drawing



## Contact arrangement (Plug-in side)



	X	Y
1	2,50	0,00
2	0,00	2,50
3	-2,50	0,00
4	0,00	-2,50
5	0,00	0,00

1 brown  
2 white  
3 blue  
4 black  
5 grey

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

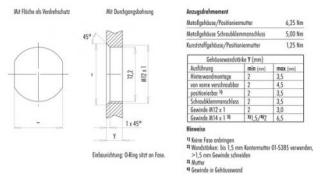
Rated current (40 °C) 4 A  
Rated voltage 60 V  
Rated impulse voltage 1500 V  
Pollution degree 3  
Overvoltage category II  
Insulating material group II  
Insulation resistance > 10<sup>8</sup> Ω  
EMC compliance not shielded  
Degree of protection IP68  
Mechanical operation > 100 Mating cycles

### 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 (4,4'-isopropylidendiphenol)  
CAS 7439-92-1 (Lead)  
CAS 61788-32-7 (Terphenyl, hydrogenated)

Product description	M12-B male panel mount connector, Contacts: 5, not shielded, dip-solder, IP68, UL, M12x1.0, front mounting
Area	M12-B series 766
Order number	86 1033 1100 00005

## Assembly instructions / Panel cut-out



Product description	<b>M12-B male panel mount connector, Contacts: 5, not shielded, dip-solder, IP68, UL, M12x1.0, front mounting</b>
Area	<b>M12-B series 766</b>
Order number	<b>86 1033 1100 00005</b>

## Security notices

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.