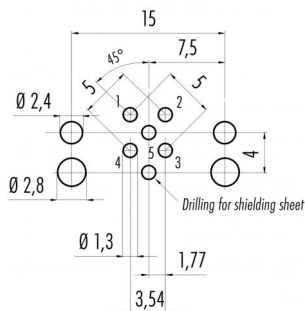


Product description	<b>M12-B integrated socket, Contacts: 5, shieldable, with shield plate, dip-solder, IP68, UL</b>
Area	<b>M12-B series 766</b>
Order number	<b>99 4442 601 05</b>

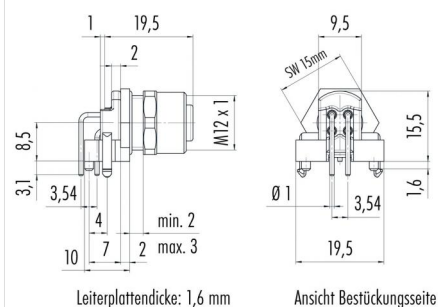
### Illustration



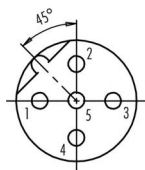
### Conductor layout



### 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

Connector design	integrated socket
Connector locking system	screw
Termination	dip-solder
Upper limit temperature	85 °C
Lower limit temperature	- 40 °C
Customs tariff number	85369010
Packaging Unit	10

### Cable data

Approval 1	UL
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### 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	shieldable, with shield plate
Degree of protection	IP68
Mechanical operation	> 100 Mating cycles

### Material

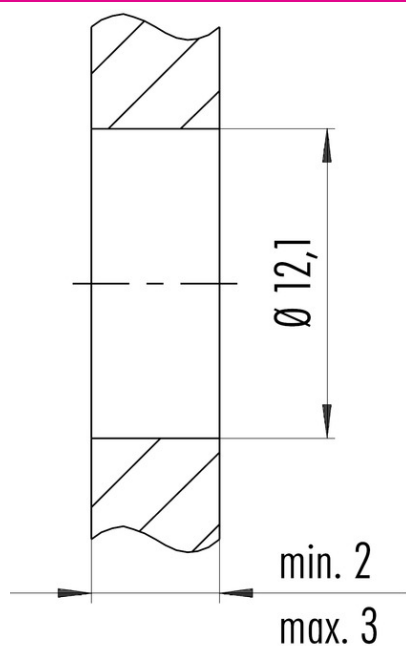
Contact material	CuSn (bronze)
Contact plating	Au (gold)
Contact body material	PA
Housing material	CuZn (Brass nickel plated)
REACH SVHC	CAS 7439-92-1 (Lead)

Product description **M12-B integrated socket, Contacts: 5, shieldable, with shield plate, dip-solder, IP68, UL**

Area **M12-B series 766**

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Assembly instructions / Panel cut-out



Anzugsdrehmoment/*Tightening torque*  
M12 x 1      6,25 Nm

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## 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.