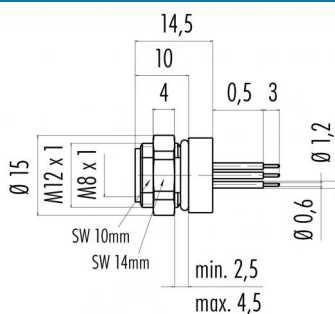


Product description	M8 female panel mount connector, Contacts: 3, unshielded, dip-solder, IP67, M12x1.0, front mounting
Area	M8 series 718
Order number	86 6518 1100 00003

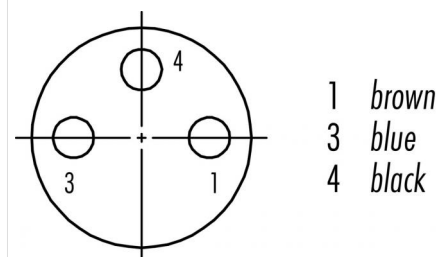
## Illustration



## 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	female panel mount connector
Connector locking system	screw
Termination	dip-solder
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	II
Insulating material group	II
EMC compliance	unshielded
Degree of protection	IP67
Mechanical operation	> 100 Mating cycles
Contact length	0.5 mm

### Material

Contact material	CuSn (bronze)
Contact plating	Au (gold)
Contact body material	PA
Housing material	CuZn (Brass nickel plated)
REACH SVHC	CAS 80-05-7 (4,4'-isopropylidendiphenol) CAS 7439-92-1 (Lead) CAS 61788-32-7 (Terphenyl, hydrogenated)

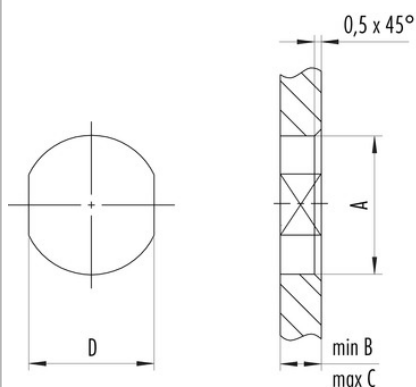
Product description M8 female panel mount connector, Contacts: 3, unshielded, dip-solder, IP67, M12x1.0, front mounting

Area M8 series 718  
Order number 86 6518 1100 00003

## Assembly instructions / Panel cut-out

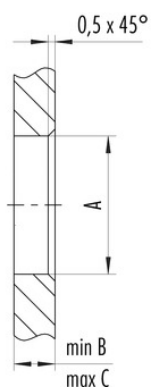
### 1. Einbauvorschlag

Mit Fläche als Verdrehschutz



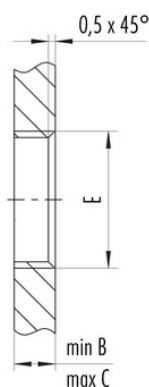
### 2. Einbauvorschlag

Mit Durchgangsbohrung



### 3. Einbauvorschlag

Mit Gewinde, einschraubbar



Gewinde E	A	B	C	D
M8 x 1	8,1	2,0	3,5	7,1
M10 x 0,75	10,1	2,0	6,5	9,1
M12 x 1	12,1	2,5	4,5	10,0

Anzugsdrehmoment 1 Nm

Product description	M8 female panel mount connector, Contacts: 3, unshielded, dip-solder, IP67, M12x1.0, front mounting
Area	M8 series 718
Order number	86 6518 1100 00003

## 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.