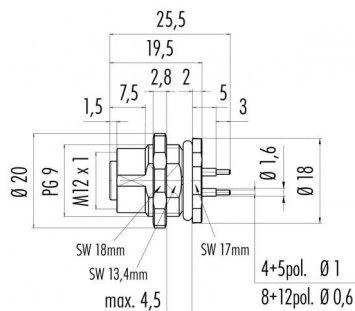


Product description	M12-D female panel mount connector, Contacts: 4, not shielded, dip-solder, IP67, UL, PG9, front mounting
Area	M12-D series 876
Order number	86 0536 1000 00404

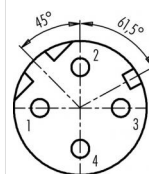
Illustration



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

- 1 yellow
- 2 white
- 3 orange
- 4 blue

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
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	$> 10^{10} \Omega$
EMC compliance	not shielded
Degree of protection	IP67
Mechanical operation	> 100 Mating cycles

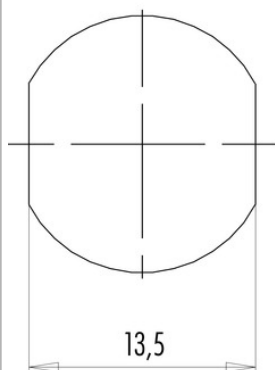
Material

Contact material	CuSn (bronze)
Contact plating	Au (gold)
Contact body material	PA
Housing material	Zinc die-cast nickel-plated
Locking material	Zinc die-cast nickel-plated
REACH SVHC	CAS 7439-92-1 (Lead)

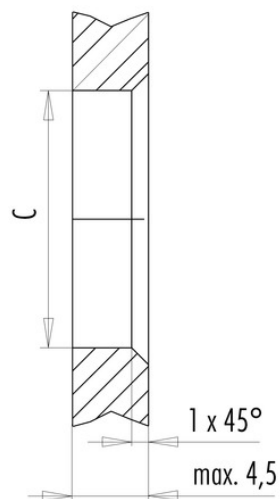
Product description	M12-D female panel mount connector, Contacts: 4, not shielded, dip-solder, IP67, UL, PG9, front mounting
Area	M12-D series 876
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Assembly instructions / Panel cut-out

Mit Fläche als Verdrehschutz
With flats as anti-rotation device



Mit Durchgangsbohrung
With bore hole



	C
PG 9	15,3
M16x1,5	16,1

Anzugsdrehmoment/Tightening torque

Metallgehäuse/Metal housing	6,25 Nm
Kunststoffgehäuse/Plastic housing	3,75 Nm

Product description	M12-D female panel mount connector, Contacts: 4, not shielded, dip-solder, IP67, UL, PG9, front mounting
Area	M12-D series 876
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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.