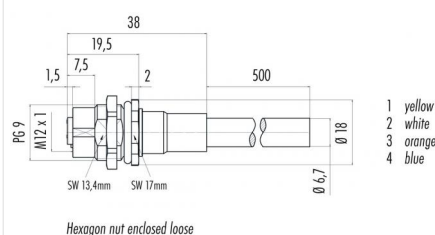


Product description	M12-D female panel mount connector, Contacts: 4, shielded, cable, IP67, PG9, PUR green, 2 x 2 x AWG22, front mounting
Area	M12-D series 876
Order number	70 3734 706 04

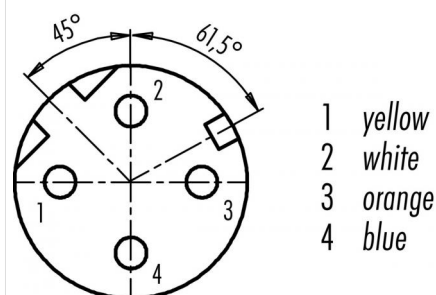
Illustration



Scale drawing



Contact arrangement (Plug-in side)



You can find the assembly instructions on the next page.

Technical data

General values

Connector design	female panel mount connector
Connector locking system	screw
Termination	cable
Wire gauge (AWG)	AWG 22
Upper limit temperature	60 °C
Lower limit temperature	-25 °C
Customs tariff number	85444290

Cable data

Cable length	0,5 m
Sheath material	PUR
Single-lead insulation	Polyolefin
Halogen free	Yes
Single-lead structure	AWG 22/7 mm
Cable diameter	6.7 mm
Cable color	green
Conductor resistance	55Ω/Km
Temperature range, moving cable, °C from	-40 °C
Temperature range, moving cable, °C to	60 °C
Temperature range, fixed cable, °C from	-40 °C
Temperature range, fixed cable, °C to	80 °C
Bending radius, fixed cable	≥ 5 x Ø
Bending radius, moving cable	≥ 15 x Ø
UL style 1	AWM20236

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 Ω
EMC compliance	shielded
Degree of protection	IP67
Mechanical operation	> 500 Mating cycles

Material

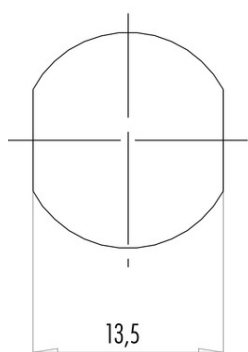
Contact material	CuSn (bronze)
Contact plating	Au (gold)
Contact body material	PA
Locking material	Zinc die-cast nickel-plated
REACH SVHC	CAS 7439-92-1 (Lead)

Product description M12-D female panel mount connector, Contacts: 4, shielded, cable, IP67, PG9, PUR green, 2 x 2 x AWG22, front mounting

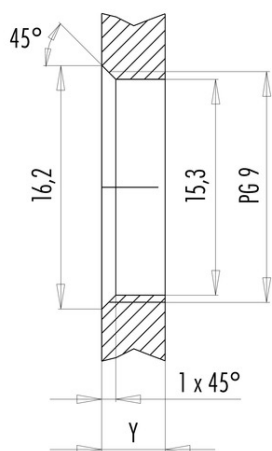
Area M12-D series 876
Order number 70 3734 706 04

Assembly instructions / Panel cut-out

With flats as anti-rotation device



With bore hole



Installation direction: o-ring sits on chamfer.

Tightening moment

Metall housing/Plastic housing 1,25 Nm

Thickness of wall Y (mm)		
Version	min (mm)	max (mm)
Fastened from rear	2	3,5
Front fastened	2	4,5
positioning possible ¹⁾	2	3,5
Screw clamp	2	3,5
Thread M12 x 1	2	3,0
Thread M14 x 1 ²⁾	³⁾ 1,5/ ⁴⁾ 2	6,5

Notes

- ¹⁾ Do not attach a chamfer
- ²⁾ Wall thickness:
use locknut 01-5385 up to 1,5 mm,
>1,5 mm cut thread
- ³⁾ Nut
- ⁴⁾ Thread in wall of housing

Product description	M12-D female panel mount connector, Contacts: 4, shielded, cable, IP67, PG9, PUR green, 2 x 2 x AWG22, front mounting
Area	M12-D series 876
Order number	70 3734 706 04

Security notices

The connector must not be plugged or unplugged under load. Non-observance and improper use can result in personal injury.

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.