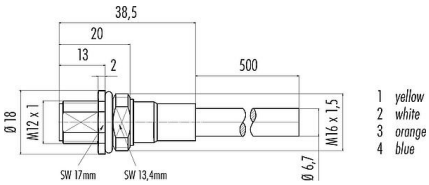
Product data sheet
Automation technology - Data transmission

Product description	**M12 Male panel mount connector, Contacts: 4, shielded, with cable assembled, IP67, UL, M16x1.5, Profinet, PUR, green, 2 x 2 x AWG 22, Front mounting, 0.5 m**
Area	**M12-D**
Coding	**D-coded**
Series	**876**
Part no.	**70 3733 705 04**

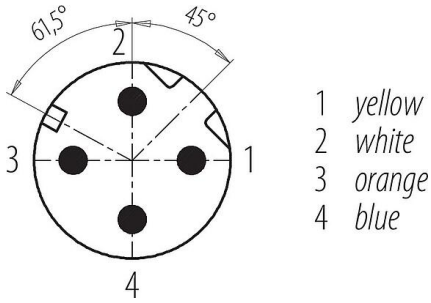
Illustration (may vary)



Scale drawing



Contact arrangement (Plug-in side)



You can find the assembly instructions on the next page.

Technical data

General features

Part no.	70 3733 705 04
Connector design	Male panel mount connector
Type standard	DIN EN 61076-2-101
Coding	D-coded
Cable length	0.5 m (Other lengths are available on request.)
Version	Connector pin straight
Connector locking system	screw
Termination	with cable assembled
Degree of protection	IP67
Connection cross-section	AWG 22
Temperature range from/to	-25 °C / 85 °C
Mechanical operation	> 500 Mating cycles
Weight (g)	43.60
Customs tariff number	85444290
Country of Origin	HU

Electrical parameters

Rated voltage	250 V
Rated impulse voltage	2500 V
Rated current	4.0 A
Insulation resistance	> 10^{10} Ω
Pollution degree	3
Transmission rate	CAT 5
Overvoltage category	II
Insulating material group	II

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EMC compliance	shielded
Shield connection	Shield on the housing

Material

Housing material	CuZn (Brass nickel plated)
Contact body material	PA
Contact material	CuZn (brass)
Contact plating	Au (gold)
Locking material	Zinc die-cast nickel-plated
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	cc9a70f3-4ff6-4c17-9757-0f6794178d3b

Cable data - Structure of the cable

Cable type	Profinet
Cable diameter	6.7 mm
Cross section	2 x 2 x AWG 22
Sheath material	PUR
Single-lead insulation	Polyolefin
Single-lead structure	AWG 22/7
Cable color	green

Cable data - Mechanical properties

Bending radius, fixed cable	≥ 5 x Ø
Bending radius, moving cable	≥ 15 x Ø
Bending cycles	> 10 x Ø (2 million)
Permitted acceleration	2 m/s²
Travel distance, horizontal	at 5 m/s² -> 5 m
Travel distance, vertical	at 5 m/s² -> 5 m
Travel speed	≤ 200 m/min (5 m horizontal distance)

Cable data - Thermal properties

Temperature range cable in move from/to	-20 °C / 60 °C
Temperature range cable fixed from/to	-40 °C / 80 °C

Cable data - Other features

Halogen free	yes

Authorization/approvals

Approvals	UL

Classifications

eCl@ss 11.1	27-06-03-11

Product data sheet

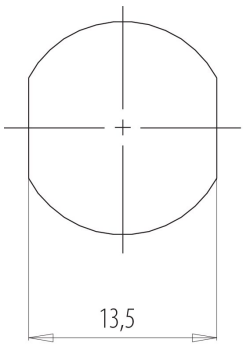
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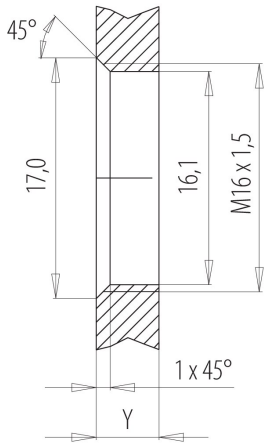
ETIM 9.0 EC002638

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 nut 38 5385 100 001 up to 1,5 mm,
>1,5 mm cut thread
[3] Nut
[4] Thread in wall of housing

Date: 03.10.2026

Product data sheet

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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.

Connectors which are used in circuits with voltages dangerous to the touch may only be installed and used by, or under the supervision of, persons with electrical engineering training, taking into account the applicable regulations and standards.

The user must take suitable safety precautions to ensure that the connector cannot be accidentally disconnected.

Plug connectors with enclosure protection IP67 and IP68 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.

Please observe the pollution degree and the overvoltage category. For further information, please refer to the download center "Technical Information".

To lock the cable connector with the device connector, the threaded ring is tightened "hand-tight" (approx. 60 cNm).