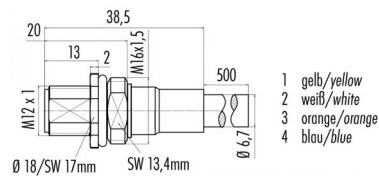


Product Area	Flange plug connector, M16, with Profinet cable, shielded M12 connectors D-Coding serie 825/876	Pole	4
		Article number	70 3733 705 04

illustration



scale drawing



You can find the assembly instruction on the next page.

Technical data

Common values

Connector Design	Female socket
Termination	PUR cable
Wire gauge (mm)	-
Wire gauge (AWG)	22
Upper temperature	+60 °C
Lower temperature	-20 °C

Electrical values

Rated voltage	250 V
Rated impulse voltage	2500 V
Pollution degree	3
Overvoltage category	II
Material group	II
Rated current (40°C)	4 A
Volume resistivity	≤ 3 mΩ
Degree of protection	IP 67
Mechanical operation	>100 mating cycles

Material

Material of contact	CuSn (bronze)
Contact plating	Au (gold)
Material of contact body	PA
Material of housing	brass, zinc diecasting, nickel plated

Cable data

material housing	PUR
insulation single lead	Polyolefin
single lead structure	7 x 0,25 (AWG 22)
cable sheath Ø	6.7
conductor resistance	55Ω/Km
temperature range cable movable c from	-20
temperature range cable movable c to	60
temperature range cable fixed c from	-40
temperature range cable fixed c to	80
bending radius cable fixed	min. 35 mm
bending radius cable movable	min. 100 mm
cable diameter	6.7



fastening thread: M16 x 1.5, number of pins: 4,
flange plug connector, with Profinet cable,
shielded

Product Flange plug connector, M16, with Profinet cable, shielded
Area M12 connectors D-Coding serie 825/876

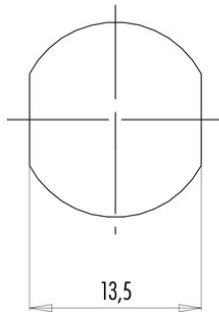
Pole 4
Article number 70 3733 705 04

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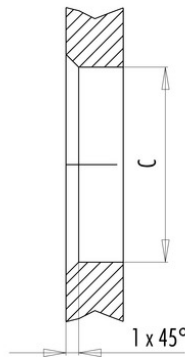
Installation instructions / Mounting cutout

Mit Fläche als Verdrehschutz
With flats as anti-rotation device

PG 9/M16 x 1,5



Mit Durchgangsbohrung
With bore hole



Mit Gewinde, einschraubbar
With thread to screw in



alternativ/alternativ

	A	B	C
PG 9	PG 9	16,2	15,3
PG 13,5	PG 13,5	21,5	20,5
M16x1,5	M16x1,5	17,0	16,1
M20x1,5	M20x1,5	21,0	20,1

Anzugsdrehmoment/Tightening moment

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