

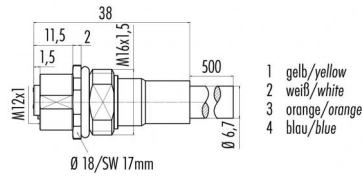
Product Area: Flange socket, M16, with Profinet cable, shielded
M12 connectors D-Coding serie 825/876

Pole: 4
Article number: 70 3734 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

Material

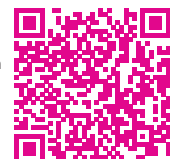
Material of contact	CuSn (bronze)
Contact plating	Au (gold)
Material of contact body	PA
Material of housing	brass, zinc diecasting, nickel plated

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

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, screwed from front, with Profinet cable, shielded

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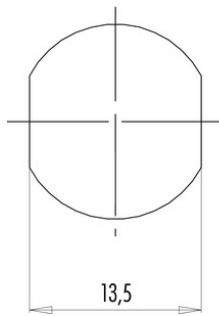
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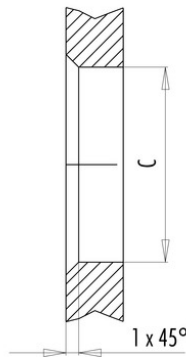
Installation instructions / Mounting cutout

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