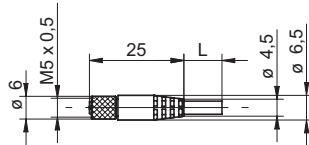


Connector M5 x 0,5 with attached PUR-cable, shielded

dimension drawing



- 4-wire, shielded
- shield connected with cap-nut
- cable sheath isolation: PUR
- self-locking cap nut

General data

Nominal current I_N	1 A
voltage supply	≤ 200 VAC
Number of positions	4
Conductor resistance	max. 195 Ω/km (20°)
Insulation resistance	≥ 100 MΩ•km (20°)
Length of cable	see listing

General characteristics

Degree of protection	IP67, threaded on
Contact carrier material	PUR
Material of grip body	PUR
Material, knurls	CuZn
Status display	no

Conductor data

Cable type, cable sheath isolation	PUR, shielded
External cable diameter	3,85 ±0,15 mm
External sheath, color	black-grey, silk mat
Conductor material	Cu-wire
Conductor cross section	0,1 mm ²
Conductor structure, signal line	51x0,05 mm
Core diameter including insulation	0,82 mm ±0,02 mm
Wire colors	Brown, white, blue, black
Test voltage, conductor	2000 VAC
Cable weight	21kg/km
Smallest bending radius, flexible installation	10 * External cable diameter
Bending radius, fixed installation	5 * External cable diameter
Ambient temperature (operation)	-40 ... 80 °C (cable, fixed installation) -25 ... 80 °C (cable, flexible installation)
Flame resistance	As per DIN EN 60332-2-2 (20 s)
Resistance to oil	As per DIN EN 60811-2-1 168 h 100 °C
Other resistance	hydrolysis, microbe, UV and ozone resistant

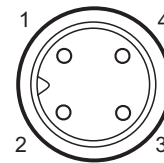
type Mat.-No. length

straight connectors

ESG 05AP0200G	11049075	2 m
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other lengths on request

pin assignment



1 =	BN
2 =	WH
3 =	BU
4 =	BK