

Datasheet

→ PXAVK300

07/10/2025



Technical data

M12 connecting cable socket-socket straight

Type	PXAVK300
Series	Proboxx®
Rubric	Accessories enclosure



→ General data

Connection type	M12
Operating temperature	-30 °C ... 85 °C
Contact material	Copper alloy gold-plated
Material	PUR
Standards	DIN EN 61076-2-101 (M12)
Degree of protection front	IP65 IP66K IP67

General note

Important installation instructions:

- Take suitable measures to protect the connectors from mechanical loads, e.g. by using cable ties.
- The material of the housing is plastic and has good chemical and oil resistance.
- When using aggressive media, the material resistance must be checked depending on the application.

Resistances			
UV-resistance	DIN EN ISO 4892-2 A		
Flame resistance	UL 1581 § 1090	UL 1581 § 1100 FT2	IEC 60332-2-2
Oil resistance	DIN EN 60811-404		

Approvals (Murr article 7000-40051-6350300)

CE, UKCA, cCSAus, cULus, cURus, EAC, China RoHS 2

→ Electrical data

<i>Pollution degree</i>	3
<i>Supply voltage</i>	max. 125 V AC max. 125 V DC
<i>Supply operating current</i>	max. 4 A per contact

Electrical note

- Insulation material group I (IEC 60664-1)

→ Mechanical data

<i>Connection</i>	connector M12 5-pole A coded
<i>Tightening torque fixing nut</i>	0.6 Nm
<i>Cable length</i>	300 cm

Mechanical note

- Wrench size SW13

Installation	
Bending radius (fixed)	5 x outer diameter
Bending radius (moving)	10 x outer diameter

Note on bending radius

- CAUTION: When laying cables, observe the permissible bending radii, as excessive bending forces can jeopardize the IP protection class.