

M12 male 90° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 4m

Ethernet CAT5 Male 90° M12, 4-pole D-coded shielded

Transmission properties with channel transmission up to 100 m

Further cable lengths on request.

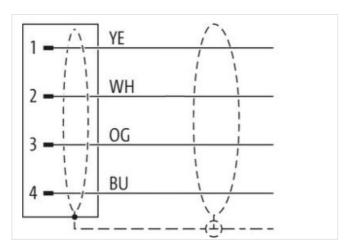
Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

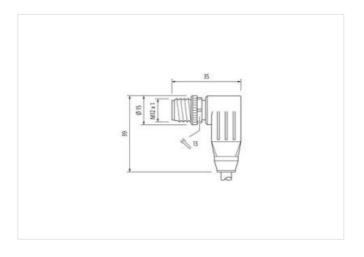
Link to Product

Illustration









Product may differ from Image











Cable length

4 m



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stay connected

Additional condition temperature range depending on cable quality important installation notes installation notes in the control of the contr	Operating temperature min.	-25 °C
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Current load capacity min. wire 4.8 A Characteristic impedance $100 \Omega \pm 15 \% @ 100 \text{ MHz}$ Electrical resistance line constant wire $55 \Omega/\text{km} @ 20 \degree \text{C}$ AC withstand voltage (wire - wire) $2 \text{ kV} @ 60 \text{ s}$ Electrical capacity line constant (wire - wire) 50000 pF/km Power frequency withstand voltage (wire - acket) $2 \text{ kV} @ 60 \text{ s}$ AC withstand voltage (wire - shield) $2 \text{ kV} @ 60 \text{ s}$ AC withstand voltage (wire - shield) $2 \text{ kV} @ 60 \text{ s}$ Loop resistance $5000 \text{ M}\Omega \times \text{km}$ Min. operating temperature (static) $-40 \degree \text{C}$	Nominal voltage AC max.	
Characteristic impedance $100 \Omega \pm 15 \% @ 100 \text{ MHz}$ Electrical resistance line constant wire $55 \Omega / \text{km} @ 20 \degree \text{C}$ AC withstand voltage (wire - wire) $2 \text{ kV} @ 60 \text{ s}$ Electrical capacity line constant (wire - wire) 50000 pF/km Power frequency withstand voltage (wire - acket) $2 \text{ kV} @ 60 \text{ s}$ AC withstand voltage (wire - shield) $2 \text{ kV} @ 60 \text{ s}$ AC withstand voltage (wire - shield) $2 \text{ kV} @ 60 \text{ s}$ Loop resistance $5000 \text{ M}\Omega \times \text{km}$ Min. operating temperature (static) $-40 \degree \text{C}$	Current load capacity (standard)	
Electrical resistance line constant wire 55 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 50000 pF/km Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s Loop resistance 5000 MΩ × km Min. operating temperature (static) -40 °C	Current load capacity min. wire	· · · · · · · · · · · · · · · · · · ·
AC withstand voltage (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 50000 pF/km Power frequency withstand voltage (wire - iacket) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s Loop resistance 5000 MΩ × km Min. operating temperature (static) -40 °C	Characteristic impedance	
Electrical capacity line constant (wire - wire) 50000 pF/km Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s Loop resistance 5000 MΩ × km Min. operating temperature (static) -40 °C	Electrical resistance line constant wire	55 Ω/km @ 20 °C
Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s Loop resistance 5000 MΩ × km Min. operating temperature (static) -40 °C	AC withstand voltage (wire - wire)	2 kV @ 60 s
AC withstand voltage (wire - shield) 2 kV @ 60 s Loop resistance 5000 MΩ × km Min. operating temperature (static) -40 °C	Electrical capacity line constant (wire - wire)	50000 pF/km
Loop resistance $5000 \text{ M}Ω \times \text{km}$ Min. operating temperature (static) -40 °C	Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static) -40 °C	AC withstand voltage (wire - shield)	2 kV @ 60 s
	Loop resistance	5000 MΩ × km
Max. operating temperature (fixed) 80 °C	Min. operating temperature (static)	-40 °C
	Max. operating temperature (fixed)	80 °C

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19



Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
No. of torsion cycles	1 Mio. 25 °C
Torsion stress	± 180 °/m