

M12 male 90° D-cod. with cable shielded

PVC 1x4xAWG22 shielded gn UL/CSA+drag ch. 10m

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

Transmission properties with channel transmission up to 100 m

Further cable lengths on request.

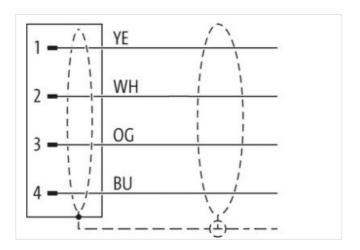
Plastic housings with good resistance against chemicals and oils.

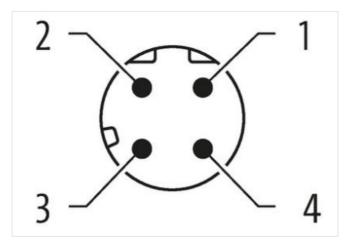
The resistance to aggressive media should be individually tested for your application. Further details on request.

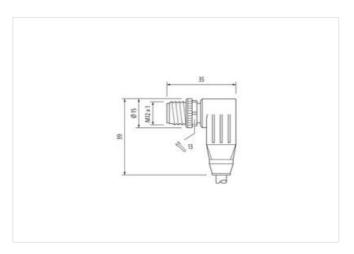
Link to Product

Illustration









Product may differ from Image











Cable length

10 m



stay connected

Tightening broupe 0.0 Nm Mounting method inserted, screwed Family construction form M12 x 1 Thread M12 x 1 Coding D Meterial PUR Width across flats SW13 Degree of protection (ENEC 60529) PS6, FP6K, IP67 Side 2 Stripping length (facker) 20 mm Commercial date Composition Collassi and in material date Collassi and in material date Collassi and in material date Collassi and in material date <th>Side 1</th> <th></th>	Side 1	
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Thread	Mounting method	inserted, screwed
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Coating locking Nickeled	Contour for corrugated hose	without
Coating locking Nickeled	Mechanical data Material data	
· · · ·		Nickeled
Coating of fitting nickel plated	Coating of fitting	nickel plated
Locking material Zinc die-casting		
Material screw connection Zinc die-casting		
Mechanical data Mounting data		
		incorted corowed Shaking protection
Mounting method inserted, screwed, Shaking protection		
Environmental characteristics Climatic	Environmental characteristics Climatic	



stay connected

Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
•	•••
Cable identification	800
Jacket Color	green
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires around Filler star-shaped twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Foil
Filler	yes
wire arrangement	yellow, blue, orange, white
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Cable weigth	73,7 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, CFC-free
Outer-diameter (jacket)	6,6 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	FRNC
Color (inner jacket)	natur
Material wire insulation	PE
Amount wires	4
Outer diameter insulation	1,53 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	7
Diameter of single wires	22 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
Traversing distance (C-track)	
	5 m @ 25 °C
Current load capacity (standard)	5 m @ 25 °C to DIN VDE 0298-4
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity (standard) Current load capacity min. wire	to DIN VDE 0298-4 4,8 A
Current load capacity (standard) Current load capacity min. wire Characteristic impedance	to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 1 MHz
Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire	to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 1 MHz 55 Ω/km @ 20 °C
Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Nominal voltage power AC max. Electrical capacity line constant (wire - wire)	to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 1 MHz 55 Ω/km @ 20 °C 300 V
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Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) Power frequency withstand voltage power	to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 1 MHz 55 Ω/km @ 20 °C 300 V 50000 pF/km 2 kV @ 60 s
Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket)	to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 1 MHz 55 Ω/km @ 20 °C 300 V 50000 pF/km 2 kV @ 60 s 2 kV @ 60 s
Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire)	to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 1 MHz 55 Ω/km @ 20 °C 300 V 50000 pF/km 2 kV @ 60 s 2 kV @ 60 s
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Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 1 MHz 55 Ω/km @ 20 °C 300 V 50000 pF/km 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C
Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed)	to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 1 MHz 55 Ω/km @ 20 °C 300 V 50000 pF/km 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -10 °C 70 °C
Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance	to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 1 MHz 55 Ω/km @ 20 °C 300 V 50000 pF/km 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -10 °C 70 °C UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
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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: 2024-04-28



Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter