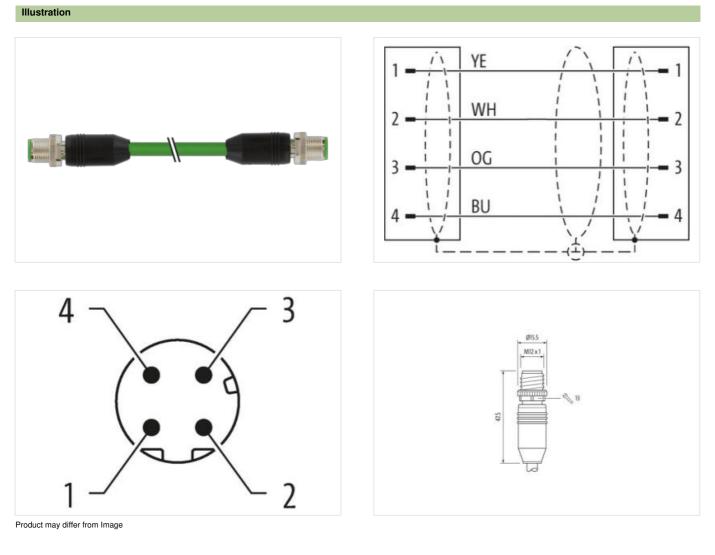


M12 male 0° / M12 male 0° D-cod. shielded

PUR 1x4xAWG22 shielded gn UL/CSA 2m

Ethernet CAT5e Transmission properties with channel transmission up to 100 m Male straight – male straight M12 – M12, 4-pole D-coded shielded 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





Cable length

2 m

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: 2024-05-17



Cido 1

Type0.6 NmMaurian granulation formM12Trend Construction formM12 × 1Calob curlermagingDistribution formW12 × 1Calob curlermagingDistribution formW12 × 1Calob curlerUMarialUNo. diposition4Width arcoss findsSW13Diper of protection (EN EC 60503)IP65, IP66K, IP67StateUStateUThermal protection (EN EC 60503)IP65, IP66K, IP67Calob curlerStateMaurian granulationmatchal, screwardThermal protection (EN EC 60503)IP67, IP67Calob curlerM12 × 1Calob curlerM12 × 1Calob curlerM12 × 1Calob curler (EN EC 60503)IP67, IP67Calob curler (EN EC 60503)IP67, IP67Calob curler (EN EC 60503)IP68, IP67Calob curler (EN EC 60503)IP68, IP67Calob curler (EN EC 6050)IP67, IP67Calob Sci (EN EC 6050)IP67, IP68, IP67Calob Sci (EN EC 6050, IP67,	Side 1	
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Material group (IEC 60664-1) I Mechanical data	Pollution Degree	3
Mechanical data	Rated surge voltage	1,5 kV
Mechanical data	Material group (IEC 60664-1)	
		without
	Contour for corrugated hose	Without

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: 2024-05-17



Mechanical data | Material data

mechanical data material data	
Coating locking	Nickeled
_ocking material	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
-	
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
	704
Cable identification	794
Jacket Color	green
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires around Filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
Filler	yes
vire arrangement	white, yellow, blue, orange
Cable weigth	75,87 g/m
Material jacket	PUR
Shore hardness jacket	89 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Duter-diameter (jacket)	6,7 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	FRNC
Color (inner jacket)	white
Material wire insulation	PE
Amount wires	4
Duter diameter insulation	1,55 mm
Duter diameter tolerance core insulation	±5%
Shore hardness wire insulation	65 Shore D
ngredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	7
Diameter of single wires	22 AWG
Conductor crosssection (wire)	22 AWG
Aaterial conductor wire	Stranded copper wire, bare
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity (standard)	4,8 A
Characteristic impedance	4,6 Α 100 Ω ± 15 %
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) Power frequency withstand voltage (wire -	52000 pF/km

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AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	6 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter

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