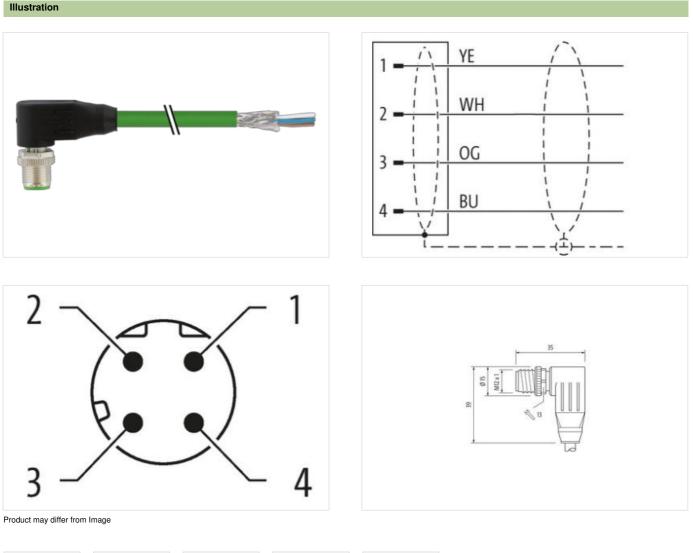


M12 male 90° D-cod. with cable shielded

PVC 1x4xAWG22 shielded gn UL/CSA+drag ch. 1.5m

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





Cable length

1,5 m

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Side 1

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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 PVC	
Material jacket	PVC 85 ± 5 Shore A	
Shore hardness jacket		
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 Amount wires	PE	
Outer diameter insulation	1,53 mm	
Outer diameter insulation	±5%	
Shore hardness wire insulation	± 5 %	
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)	to DIN VDE 0298-4	
Current load capacity min. wire	4.8 A	
Characteristic impedance	100 Ω ± 15 % @ 1 MHz	
Electrical resistance line constant wire	55 Ω/km @ 20 °C	
Nominal voltage power AC max.	300 V	
Electrical capacity line constant (wire - wire) (power)	50000 pF/km	
AC withstand voltage power (wire - shield)	2 kV @ 60 s	
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s	
AC withstand voltage power (wire - wire)	2 kV @ 60 s	
Min. operating temperature (static)	-30 °C	
Max. operating temperature (fixed)	80 °C	
Operating temperature min. (dynamic)	-10 °C	
Operating temperature max. (dynamic)	70 °C	
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2	
chemical resistance	Good, application-related testing	
Gasoline resistance	Good, application-related testing	

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Oil resistance

Good, application-related testing | DIN EN 60811-404

Bending radius (fixed) Bending radius (dynamic) 5 x Outer diameter 15 x Outer diameter