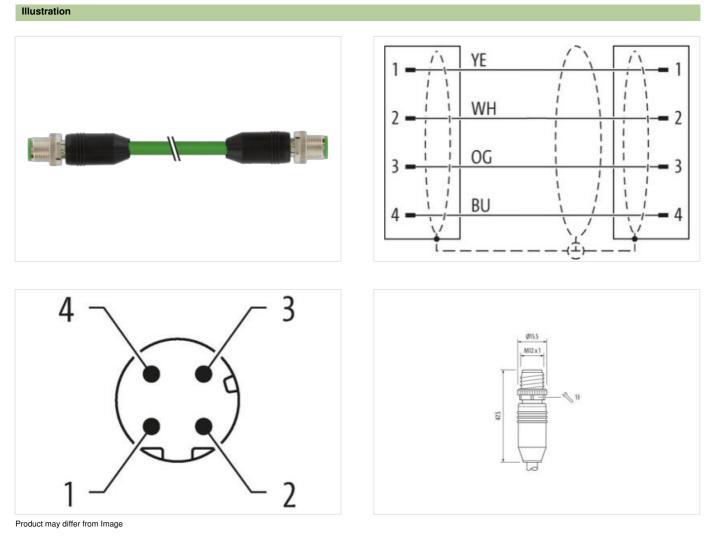


M12 male 0° / M12 male 0° D-cod. shielded

PUR 1x4xAWG22 shielded gn UL/CSA 4m

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

4 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: 2024-05-05



Cido 1

Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	D
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	D
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	
ECLASS-6.0	27061801
ECLASS-6.1	27060307
ECLASS-7.0	27060307
ECLASS-8.0	27060307
ECLASS-9.0	27060307
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC002599
customs tariff number	85444290
GTIN	4048879563475
Packaging unit	1
Electrical data Supply	
Operating voltage DC max.	60 V
Current operating per contact max.	1,5 A
Industrial communication	
Transfer parameters	CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	100 MBit/s
Industrial communication Ethernet fund	ctionality
duplex	Full duplex
Device protection Electrical	
• •	
Degree of protection (EN IEC 60529) Additional condition protection degree	IP65, IP67, IP66K inserted, screwed
Pollution Degree	3
Rated surge voltage	
	1,5 kV
Material group (IEC 60664-1)	1
Mechanical data	
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: 2024-05-05



Mechanical data | Material data

Nickeled Zinc die-casting Inserted, screwed, Shaking protection 25 °C
nserted, screwed, Shaking protection
-25 °C
-25 ℃
35 °C
depending on cable quality
Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
DIN EN 61076-2-101 (M12)
794
green
cURus
1
4 wires around Filler twisted
copper braid, tinned
35 %
Fleece, Foil
yes
white, yellow, blue, orange
75,87 g/m
PUR
39 Shore A
ead-free, cadmium-free, CFC-free, halogen-free, silicone-free
6,7 mm
± 5 %
FRNC
white
PE
4
1,55 mm
± 5 %
65 Shore D
ead-free, CFC-free, halogen-free
7
22 AWG
22 AWG
Stranded copper wire, bare
300 V
to DIN VDE 0298-4
4,8 A
100 Ω ± 15 %
55 Ω/km @ 20 °C
2 kV @ 60 s
52000 pF/km
2 kV @ 60 s

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: 2024-05-05



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

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: 2024-05-05