

M12 fem. recept. D-cod. rear / RJ45 male 90° up

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 0.75m

Product fulfills requirements according to UN/ECE R118

Ethernet CAT5

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

Flange female straight - male 90° on top

M12 - RJ45, 4-pole

D-coded

shielded

8-pole partly used

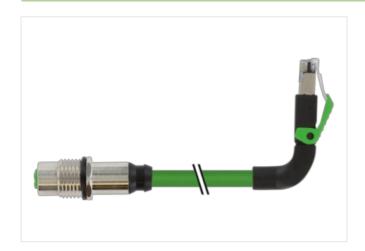
Rear mounting

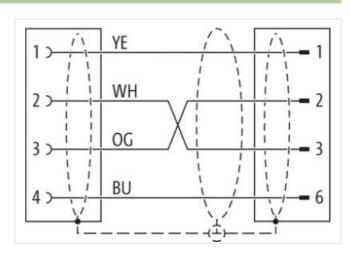
Further cable lengths on request.

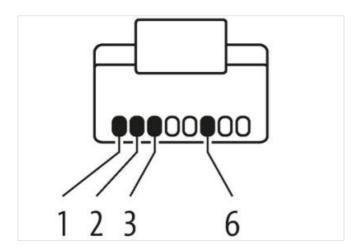
Plastic housings with good resistance against chemicals and oils.

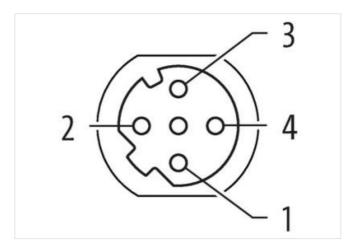
Link to Product

Illustration



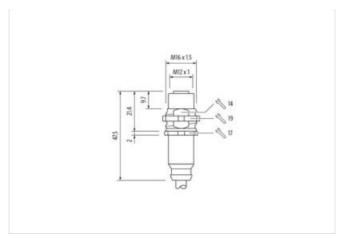


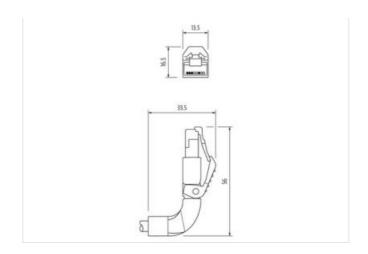






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Product may differ from Image



Cable length





0,75 m

Side 1	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	D
Material	PUR
Degree of protection (EN IEC 60529)	IP66K, IP67
Side 2	
Coating head	nickel plated
Family construction form	RJ45
Material	Brass
Degree of protection (EN IEC 60529)	IP20
Commercial data	
ECLASS-6.0	27061801
ECLASS-6.1	27279220
ECLASS-7.0	27440103
ECLASS-8.0	27440103
ECLASS-9.0	27440103
ECLASS-10.1	27440103
ECLASS-11.1	27440103
ECLASS-12.0	27440103
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879875769
Packaging unit	1
Electrical data Supply	
Operating voltage DC max.	60 V
Current operating per contact max.	1,5 A
Industrial communication	



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Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	100 MBit/s
Industrial communication Ethernet fun	ctionality
duplex	Full duplex
Installation Connection	- an support
•	
Mounting set	M16 x 1.5
Family construction form	M12
Width across flats	SW19
Device protection Electrical	
Protection NEMA	3, 4, 6P
Pollution Degree	3
Rated surge voltage	1 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Locking material	PA
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
	doportaing on datale 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.
Approvals	
прриотаю	
UL 50E	yes
•	yes
UL 50E	
UL 50E Installation Cable Cable identification	796
UL 50E Installation Cable Cable identification Jacket Color	796 green
UL 50E Installation Cable Cable identification Jacket Color Type of Certificate	796
Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding	796 green cURus
Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding	796 green cURus 1 4 wires around Core filler twisted
Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type)	796 green cURus
Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type) Cable shielding (coverage)	796 green cURus 1 4 wires around Core filler twisted copper braid, tinned 85 %
Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Banding	796 green cURus 1 4 wires around Core filler twisted copper braid, tinned 85 % Fleece, Foil
Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Banding Filler	796 green cURus 1 4 wires around Core filler twisted copper braid, tinned 85 % Fleece, Foil yes
Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement	796 green cURus 1 4 wires around Core filler twisted copper braid, tinned 85 % Fleece, Foil
Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Cable weigth	796 green cURus 1 4 wires around Core filler twisted copper braid, tinned 85 % Fleece, Foil yes white, yellow, blue, orange
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Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	796 green cURus 1 4 wires around Core filler twisted copper braid, tinned 85 % Fleece, Foil yes white, yellow, blue, orange 69,3 g/m PUR 89 Shore A
Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	796 green cURus 1 4 wires around Core filler twisted copper braid, tinned 85 % Fleece, Foil yes white, yellow, blue, orange 69,3 g/m PUR 89 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
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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
Travel speed (C-track)	3 Mio. @ 25 °C
Travel speed (C-track)	3,3 m/s @ 25 °C
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Characteristic impedance	100 Ω ± 15 % @ 100 MHz
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
Max. operating temperature (fixed)	80 °C
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