

M12 male 0° D-cod. / RJ45 male 0° shielded

PUR 1x4xAWG22 shielded gn UL/CSA+torsion 5.5m

Male straight – male straight M12 – RJ45, 4-pole D-coded shielded Ethernet CAT5

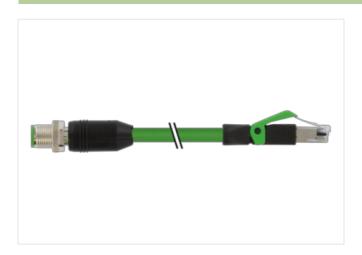
Further cable lengths on request.

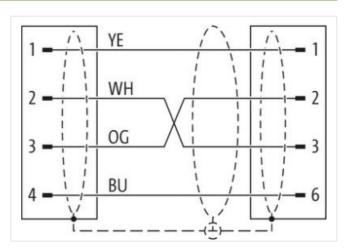
Plastic housings with good resistance against chemicals and oils.

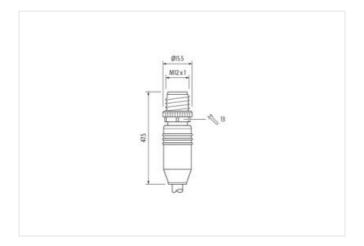
The resistance to aggressive media should be individually tested for your application. Further details on request.

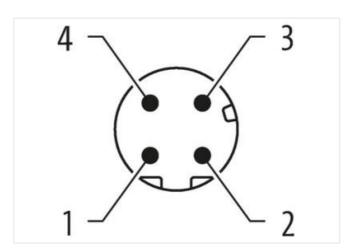
Link to Product

Illustration





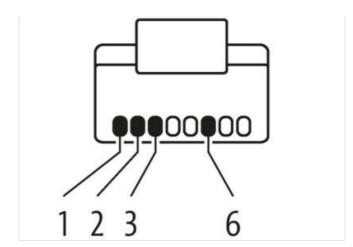






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Product may differ from Image















Cable length	5,5 m
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)	IP67
Side 2	
Mounting method	pluggable
Family construction form	RJ45
Cable outlet	straight
Material	PUR
No. of poles	4
Degree of protection (EN IEC 60529)	IP20
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	4048879694902
Packaging unit	1
Floatrical data Comple	



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Current operating per contact max. 1,5 A Industrial communication Transfer parameters CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MB/IS Industrial communication Ethernet functionality duplex Full duplex Poevice protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge vottage 1 kV Material group (IEC 60664-1) I Mechanical data Control for corrugated hose without Mechanical data Material data Control for corrugated hose without Mechanical data Material data Control for corrugated hose without Mechanical data Material data Control for corrugated hose without Mechanical data Material data Control for corrugated hose without Mechanical data Material data Control for corrugated hose without Mechanical data Material data Control for corrugated hose without inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature max. 25 °C Operating temperature max. 25 °C Additional condition temperature range depending on cable quality Important installation notes Note on bending radius Control ring addius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ordangered by excessive bending forces. Conformity Write on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ordangered by excessive bending forces. Conformity Froduct standard Din En 61076-2-101 (M12) Installation Cable wire arrangement white, yellow, blue, orange Cable identification 373 Jaket COlor green yellow, blue, orange Cable ishelding (type) Capital ishelding (type) Write, yellow, blue, orange Write, yellow, blue, orange Write, yellow, blue, orange Cable ishelding (type) Capital ishelding (type) Write, yellow, blue, orange	Operating valtage DC may	COV
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	Outer diameter insulation	חווח ככ, ו

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: 2024-06-26



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Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	65 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	19
Diameter of single wires	22 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	copper stranded wire, tinned
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 % MHz
Electrical resistance line constant wire	59,4 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electrical capacity line constant (wire - wire)	52000 pF/km
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
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)	-20 °C
Operating temperature max. (dynamic)	60 °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	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	8 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
No. of torsion cycles	4 Mio.
Torsion stress	± 180 °/m