

M12 male 90° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA 32m

Ethernet CAT5 Male 90° M12, 4-pole D-coded shielded

Transmission properties with channel transmission up to 100 m

Further cable lengths on request.

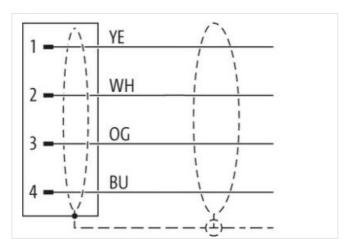
Plastic housings with good resistance against chemicals and oils.

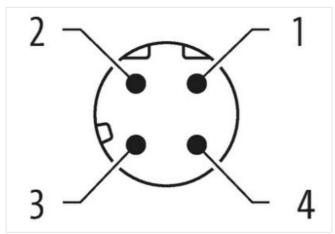
The resistance to aggressive media should be individually tested for your application. Further details on request.

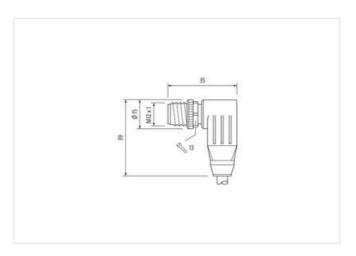
Link to Product

Illustration









Product may differ from Image











Cable length

32 m



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Marring method mentod, serwed	Side 1	
Part	Tightening torque	0,6 Nm
Process M12 x 1	Mounting method	inserted, screwed
Description	Family construction form	M12
Adaminal PUR Width across files SW13 SUR 2 Stripping Ingrift (dacket) 20 mm COMMENCIAL SECTION (SW18) SUR 2 SUR 3 COLASS 6.0 27061801 COLASS 6.1 27063907 COLASS 6.1 27063907 COLASS 6.1 27063907 COLASS 6.0 27063907 COLASS 6.0 27063907 COLASS 6.1 2 27063907 COLASS 6.2 27063907 COLASS 6.1 2 27063907 COLASS 7.1 2 27063907 COLASS 7.1 2 2	Thread	M12 x 1
Width across flats SW13 Segree of protection (EN IEC 60529) IPS6, IPS6K, IPS7 Site 2 Protection (EN IEC 60529) IPS6, IPS6K, IPS7 Site 2 Stripping longth (jacket) 20 mm Commercial data SCLASS-6.1 27068097 SCLASS-6.1 27068097 SCLASS-8.0 27068097 SCLASS-10.1 27068097 SCLASS-11.1 27068097 SCLASS-12.0 27068097 <th< td=""><td>Coding</td><td></td></th<>	Coding	
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Stripping length (lacked) 20 mm	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data CLASS-6.0 27061801 CLASS-7.0 27060307 CLASS-8.0 27060307 CLASS-8.0 27060307 CLASS-10.1 27060307 CLASS-11.1 27060307 CLASS-11.1 27060307 CLASS-11.1 27060307 CLASS-12.0 27060307 ETIM-5.0 EC002599 STIN 404897493073 Packaging unit 1 Electrical data Suppty Durrent operating per contact max. 1,5 A Industrial communication For Assard (Assard (A	Side 2	
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ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-13.0 ECO02599 usustoms tariff number 85444290 STIN 4048879439673 Tarakaging unit 1 Electrical data Supply Deparating voltage DC max. 60 V Deparating voltage DC max. 60 V Deparating voltage DC max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISC/IEC 118012002), (EN 50173-1) Data transmission rate max. 100 MBits Industrial communication Ethernet functionality Audit place Full duplex Industrial communication Ethernet functionality Deparating voltage DC max. 100 MBits Industrial communication Ethernet functionality Deparating voltage MBits MBits Industrial communication Ethernet functionality Deparating voltage MBits Industrial communication MBits Industrial communication MIT x 1 Industrial communication MBits Indust	Commercial data	
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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	
	704
Cable identification Jacket Color	794
	cURus
Type of Certificate	
Amount stranding Stranding	1 4 wires around Filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
Filler	yes
wire 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
Outer-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
Outer diameter insulation	1,55 mm
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)	7
Diameter of single wires	22 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Characteristic impedance	100 Ω ± 15 %
Electrical resistance line constant wire	55 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Electrical capacity line constant (wire - wire) (power)	52000 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)	-40 °C
Max. operating temperature (fixed)	°C 08
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

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Bending radius (dynamic)

12 x Outer diameter