

M12 male 90° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA 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.

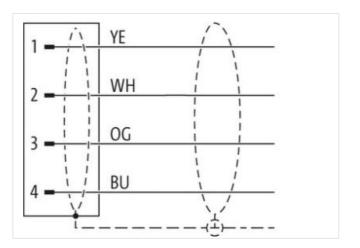
Plastic housings with good resistance against chemicals and oils.

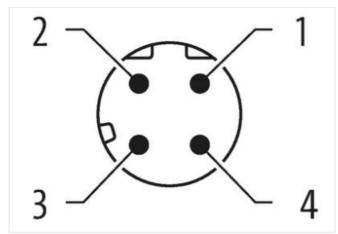
The resistance to aggressive media should be individually tested for your application. Further details on request.

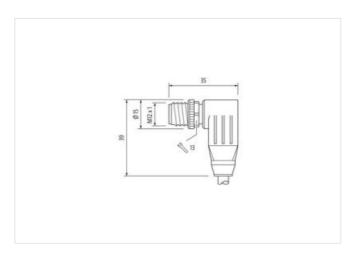
Link to Product

Illustration









Product may differ from Image











Cable length

1,5 m



stay connected

	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 SUPE 2 Stripping Ingrift (dacket) 20 mm COMMENCIAL SECTION (SW18) SUPE 2 SUPE 3 SUP 3	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 27069097 SCLASS-6.1 27069097 SCLASS-8.0 27069097 SCLASS-10.1 27069097 SCLASS-11.1 27069097 SCLASS-12.0 270790997 <th< td=""><td>Coding</td><td></td></th<>	Coding	
Degree of protection (EN IEC 60528) IP65, IP68K, IP67 Side 2 Signify (apcht) (acket) 20 mm Commercial data CCLASS 6.0 27061801 CCLASS 6.1 27060307 CCLASS 7.0 27060307 CCLASS 8.0 27060307 CCLASS 9.0 27060307 CCLASS 10.1 27060307 CCLASS 11.1 27060307 CCLASS 11.1 27060307 CCLASS 12.0 27060307 CCLASS 11.1 27060307 ETIMS 0. EC002599 CCLASS 11.1 27060307 ETIMS 0. EC002599 CCLASS 12.0 27060307 ETIMS 0. EC002599 CCLASS 12.0 27060307 2	Material	
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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 40489732747 Packaging unit 1 Electrical data Suppty Durrent operating per contact max. 1,5 A Industrial communication For Assard (Assard (As	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 ECO02599 usustoms tariff number 85444290 STIN 4048879327947 **ackaging unit 1 Electrical data Supply **Deparating voltage DC max. 60 V **Durrent operating per contact max. 1,5 A Industrial communication Irransfer parameters CAT5, Class D (ISC/IEC 118012002), (EN 50173-1) **Data transmission rate max. 100 MBitrs Industrial communication Ethernet functionality **Upulpex Full duplex Industrial Connection Stripping length (lacket) 20 mm Mounting set M12 x 1 Device protection Electrical Velocitical Condection **Stripping length (lacket) 1,5 kV Material group (IEC 60664-1) 1 Mechanical data **Definition of Corrupted Material data **Device of C	Commercial data	
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CLASS-8.0 27060307 270603007 2706030	ECLASS-6.1	27060307
CLASS-9.0 27060307	ECLASS-7.0	27060307
ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 ustorns tarff number 85444290 STIN 4048679327947 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Departing voltage DC max. 60 V Industrial communication Irransfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality Upplex Full duplex Industrial communicational (Ethernet functionality) Upplex Full duplex Industrial communicati	ECLASS-8.0	27060307
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Mounting method inserted, screwed, Shaking protection	Material screw connection	
Mounting method inserted, screwed, Shaking protection	Mechanical data Mounting data	
		inserted screwed Shaking protection
Environmental characteristics Climatic		
	Environmental characteristics Climation	



stay connected

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

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: 2024-04-27



Bending radius (dynamic)

12 x Outer diameter