

M12 male 0° shielded, D-cod. with cable EN

PUR 1x4xAWG22 shielded gn UL/CSA 1m

Customized printing and packaging **Ethernet CAT5** Male straight M12, 4-pole

D-coded

shielded

Plastic housings with good resistance against chemicals and oils.

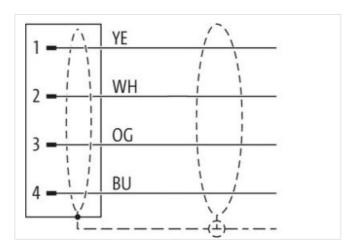
The resistance to aggressive media should be individually tested for your application. Further details on request.

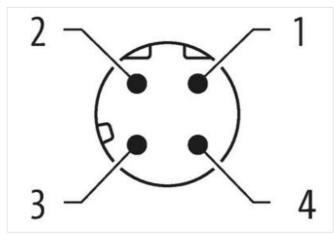
Further cable lengths on request.

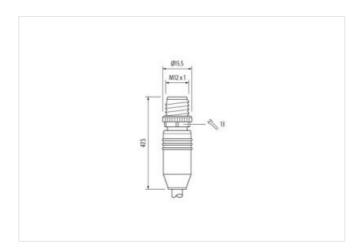
Link to Product

Illustration









Product may differ from Image









Cable length



stay connected

Majorial contact Copper alloy	Maunting mathed	inported covered
Main and contact		
Material contact No. of poles 4 Copies 4 Control Side 2 Coating contact gold plated Commercial data ECLASS-6 0 27061801 ECLASS-7 0 27061801 ECLASS-7 0 27061801 ECLASS-8 0 27061801 ECLASS-8 0 27061801 ECLASS-8 1.1 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-11.1 27060307 ECLASS-11.1 27060307 ECLASS-11.0 27060307 ECLASS-11.0 27060307 ECLASS-10 2706307 ECLASS-10 2706307 ECLASS-10 2706307 ECLASS-10 2706307 ECLASS-10 2706307 ECLASCA-10 2706307 ECLASCA-10		9 .
Side 2 Coating contact gold plated		
Side 2 gold plated Commercial data Commercial data ECLASS-8.0 27061801 ECLASS-7.0 27061801 ECLASS-9.0 27061801 ECLASS-9.0 27061801 ECLASS-10.1 27060907 ECLASS-11.2 27060907 ECLASS-12.0 270509007 Departing unit		
Coating contact		•
Commercial data		
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ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECHM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879839983 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801) Device protection Electrical Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 1 Environmental characteristics Climatic Operating temperature min25 °C Operating temperature min25 °C Operating temperature may. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tier. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class ca endangered by excessive bending forces. Installation Cable wire arrangement white, yellow, blue, orange Cable identification 794 Alacket Color green Type of Certificate cURus Amount stranding 1 Stranding 4 wires around Filler twisted Cable shielding (type) copper braid, linned Cable shielding (coverage) 85 % Banding Fileece, Foil Filler yes write arrangement white, yellow, blue, orange Cable weigh 75,87 g/m		27061801
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Filler yes wire arrangement white, yellow, blue, orange Cable weigth 75,87 g/m	Cable shielding (coverage)	85 %
wire arrangement white, yellow, blue, orange Cable weigth 75,87 g/m	Banding	Fleece, Foil
Cable weigth 75,87 g/m	Filler	yes
	wire arrangement	white, yellow, blue, orange
	Cable weigth	75,87 g/m
Material jacket PUR	Material jacket	PUR



stay connected

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
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 %
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)	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)	-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