

M12 female 0° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA 3m

Ethernet CAT5 Female straight M12, 4-pole D-coded shielded

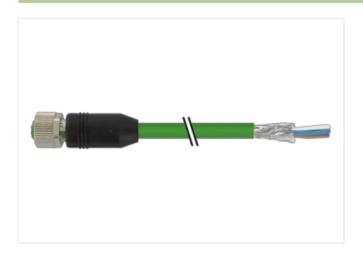
Further cable lengths on request.

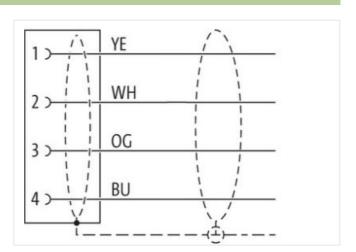
Plastic housings with good resistance against chemicals and oils.

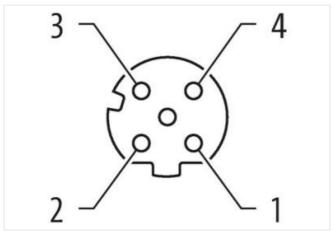
The resistance to aggressive media should be individually tested for your application. Further details on request.

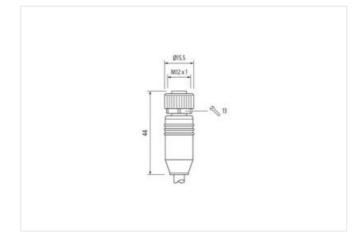
Link to Product

Illustration









Product may differ from Image





















Cable length	3 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	D
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
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	4048879327879
Packaging unit	1
Electrical data Supply	
Operating voltage DC max.	60 V
Operating voltage DC max. (UL-listed)	30 V
Current operating per contact max.	1,5 A
Industrial communication	
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	100 MBit/s
Industrial communication Ethernet fur	nctionality
duplex	Full duplex
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Coating locking	Nickeled



stay connected

Meaning active connection	Coating of fitting	nickel plated
Mechanical data Mounting data Mounting data Mounting data Mounting method Insortical, screwed, Shaking protoction	Locking material	Zinc die-casting
Environmental characteristics Climate Poparating temporature min. 25 °C Operating temporature min. 25 °C Additional condition temperature max. 85 °C Additional condition temperature max. 85 °C Additional condition temperature max. 85 °C Modification of the maximum control of the connectors by suitable measures from mechanical loads, e.g. by the usage of cable dies. 8. Note on entrain rule of the connectors by suitable measures from mechanical loads, e.g. by the usage of cable dies. 8. Note on bending radius when laying cables, as the IP protection class can be endangated by excessive bending forces. Conformity Product standard DNI En 91076-2-101 (M12) Installation Cable wire exampement Application 794 Jacket Cofor green Jack	Material screw connection	Zinc die-casting
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Operating temperature min. 425 °C Operating temperature max. 86 °C Operating temperature max. 46 °C Operating temperature max. 47 °C Operating temperature max. 48 °C Operating temperature max. 48 °C Operating temperature max. 48 °C Operating temperature max. 49 °C Operating temperature (picket) 6, 7 °C Operating temperature max. 49 °C Operating temperature max	Environmental characteristics Climatic	
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Important installation notes		
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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 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 $100 \Omega \pm 15 \%$ Electrical resistance line constant wire 55 Ω /km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s	Outer diameter tolerance core insulation	
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	Shore hardness wire insulation	
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 $100 \Omega \pm 15 \%$ Electrical resistance line constant wire $55 \Omega / \text{km} \oplus 20 ^{\circ}\text{C}$ AC withstand voltage (wire - wire) $2 \text{kV} \oplus 60 \text{s}$	Ingredient freeness wire insulation	
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	Amount strands (wire)	
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	Diameter of single wires	
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	Conductor crosssection (wire)	
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Characteristic impedance $100 \Omega \pm 15 \%$ Electrical resistance line constant wire $55 \Omega/\text{km} @ 20 °C$ AC withstand voltage (wire - wire) $2 \text{ kV} @ 60 \text{ s}$	Material conductor wire	
Current load capacity min. wire 4,8 A Characteristic impedance $100 \Omega \pm 15 \%$ Electrical resistance line constant wire $55 \Omega/\text{km} @ 20 °C$ AC withstand voltage (wire - wire) $2 \text{ kV} @ 60 \text{ s}$	Nominal voltage AC max.	
Characteristic impedance $100 \Omega \pm 15 \%$ Electrical resistance line constant wire $55 \Omega / \text{km} \oplus 20 ^{\circ}\text{C}$ AC withstand voltage (wire - wire) $2 \text{kV} \oplus 60 \text{s}$	Current load capacity (standard)	
Electrical resistance line constant wire 55 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s	Current load capacity min. wire	
AC withstand voltage (wire - wire) 2 kV @ 60 s	Characteristic impedance	
-	Electrical resistance line constant wire	-
Electrical capacity line constant (wire - wire) 52000 pF/km	AC withstand voltage (wire - wire)	
	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