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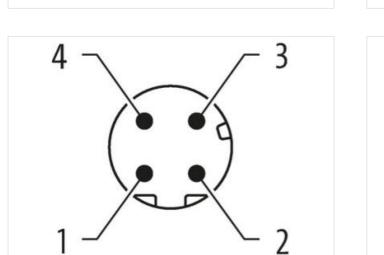
M12 male 0° / M12 male 0° D-cod. shielded

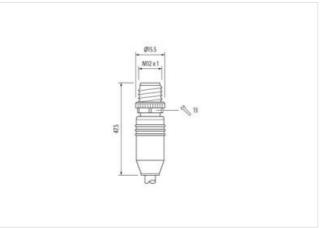
PUR 1x4xAWG26 shielded gn UL/CSA+drag ch. 0.2m

Ethernet CAT5e Transmission properties with channel transmission up to 50 m Male straight – male straight M12 – 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







YE

WH

OG

BU

Product may differ from Image

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Ether CAT.

EtherNet/IP

PROFT	0
ΤΝΈΤΤ	

Cable length	0,2 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)	IP65, IP66K, IP67
Side 2	
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)	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	EC001855
customs tariff number	85444290
GTIN	4048879733700
Packaging unit	1
Electrical data Supply	
Operating voltage DC max.	60 V
Current operating per contact max.	1,5 A
Industrial communication	
Transfer parameters	CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	100 MBit/s
Industrial communication Ethernet fu	n stien a lite

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Filleryeswire arrangementwhite, orange, blue, yellowCable weigth59,4 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)4,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation± 5 %Ingredient freeness wire insulation± 5 %Ingredient freeness wire insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned	Cable shielding (coverage)	85 %
wire arrangementwhite, orange, blue, yellowCable weigth59,4 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)4,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation1,04 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned	Banding	Fiber tape, Fleece, Foil
Cable weigth59,4 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)4,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter insulation1,04 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned	Filler	yes
Material jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)4,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter insulation1,04 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulation± 5 %Ingredient freeness wire insulation1,04 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulation19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned	wire arrangement	white, orange, blue, yellow
Freedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)4,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter insulation1,04 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned	Cable weigth	59,4 g/m
Outer-diameter (jacket)4,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter insulation1,04 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned	Material jacket	PUR
Tolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter insulation1,04 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned	Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Material wire insulationPPAmount wires4Outer diameter insulation1,04 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned	Outer-diameter (jacket)	4,9 mm
Amount wires4Outer diameter insulation1,04 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation1,04 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned	Material wire insulation	
Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 26 AWG Conductor crosssection (wire) 26 AWG Material conductor wire copper stranded wire, tinned	Amount wires	
Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned	Outer diameter insulation	1,04 mm
Amount strands (wire)19Diameter of single wires26 AWGConductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinned		
Diameter of single wires 26 AWG Conductor crosssection (wire) 26 AWG Material conductor wire copper stranded wire, tinned	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Conductor crosssection (wire) 26 AWG Material conductor wire copper stranded wire, tinned	Amount strands (wire)	
Material conductor wire copper stranded wire, tinned	Diameter of single wires	
	Conductor crosssection (wire)	
Nominal voltage AC max. 300 V	Material conductor wire	
	Nominal voltage AC max.	300 V

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Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	2,4 A
Characteristic impedance	100 Ω ± 15 % @ 100 MHz
Electrical resistance line constant wire	140 Ω/km
AC withstand voltage (wire - wire)	0,7 kV @ 60 s
Electric capacitance	51000 pF/km
Power frequency withstand voltage (wire - jacket)	0,7 kV @ 60 s
AC withstand voltage (wire - shield)	0,7 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	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	7,5 x Outer diameter
Bending radius (dynamic)	12,5 x Outer diameter
Traversing distance (C-track)	5 m
Travel speed (C-track)	3 m/s

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