

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

TPE 22AWG SF/UTP CAT5e gn UL/CSA. ITC/PLTC 8m

USA

Ethernet CAT5

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

Male straight - male straight

M12 - M12, 4-pole

D-coded

shielded

without cable sleeves

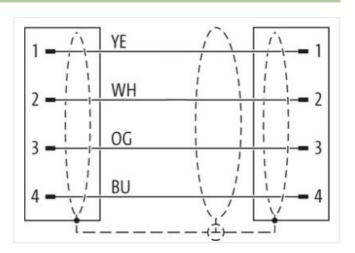
Further cable lengths on request.

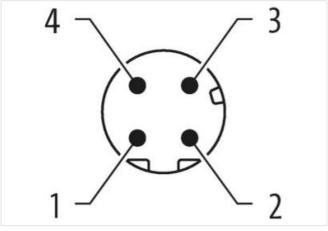
Plastic housings with good resistance against chemicals and oils.

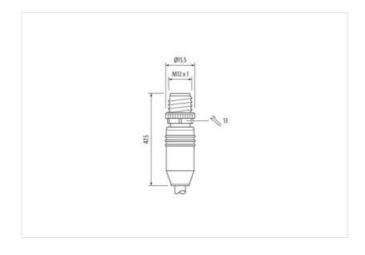
Link to Product

Illustration









Product may differ from Image











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Cable length	8 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
No. of poles	4
Width across flats	SW13
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	D
No. of poles	4
Width across flats	SW13
Commercial data	
ECLASS-6.0	27061801
ECLASS-7.0	27061801
ECLASS-8.0	27061801
ECLASS-9.0	27061801
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC002599
customs tariff number	85444290
GTIN	4048879649124
Packaging unit	1
Electrical data Supply	
Operating voltage DC max.	60 V
Current operating per contact (UL)	1,5 A
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
Diagnostics	
Status indication LED	no
Installation Connection	
Gender	male
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP66K
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data	

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: 2024-05-02



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Coor Incoding black Material housing PUB Incoding material Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating Inorporature min. 25 °C Additional condition temperature range depending on cable quality Important Institution notes Note on stain river Note on stain river Note on stain river Note on bending radiu Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Contomity Product its already Institution Instit	Contour for corrugated hose	without
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Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Poperating temperature min.	Material housing	PUR
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Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 22 AWG Conductor crosssection (wire) 22 AWG Material conductor wire copper stranded wire, tinned Nominal voltage AC max. 600 V Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C UV resistance DIN EN ISO 4892-2 A 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	Amount wires	4
Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 22 AWG Conductor crosssection (wire) 22 AWG Material conductor wire copper stranded wire, tinned Nominal voltage AC max. 600 V Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C UV resistance DIN EN ISO 4892-2 A 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	Outer diameter insulation	· · · · · · · · · · · · · · · · · · ·
Amount strands (wire) Diameter of single wires 22 AWG Conductor crosssection (wire) 22 AWG Material conductor wire copper stranded wire, tinned Nominal voltage AC max. 600 V Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C UV resistance DIN EN ISO 4892-2 A 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	Outer diameter tolerance core insulation	± 5 %
Diameter of single wires 22 AWG Conductor crosssection (wire) 22 AWG Material conductor wire copper stranded wire, tinned Nominal voltage AC max. 600 V Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C UV resistance DIN EN ISO 4892-2 A 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	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Conductor crosssection (wire) Material conductor wire Copper stranded wire, tinned Nominal voltage AC max. 600 V Min. operating temperature (static) Max. operating temperature (fixed) Work Min. operating temperature (fixed) Bo °C UV resistance DIN EN ISO 4892-2 A 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	Amount strands (wire)	19
Material conductor wire copper stranded wire, tinned Nominal voltage AC max. 600 V Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C UV resistance DIN EN ISO 4892-2 A 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	Diameter of single wires	22 AWG
Nominal voltage AC max. 600 V Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C UV resistance DIN EN ISO 4892-2 A 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	Conductor crosssection (wire)	22 AWG
Min. operating temperature (static) Max. operating temperature (fixed) 80 °C UV resistance DIN EN ISO 4892-2 A 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	Material conductor wire	copper stranded wire, tinned
Max. operating temperature (fixed) 80 °C UV resistance DIN EN ISO 4892-2 A 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	Nominal voltage AC max.	600 V
UV resistance DIN EN ISO 4892-2 A 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	Min. operating temperature (static)	-40 °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	Max. operating temperature (fixed)	80 °C
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing	UV resistance	DIN EN ISO 4892-2 A
Gasoline resistance Good, application-related testing	Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
	chemical resistance	Good, application-related testing
Oil resistance Good, application-related testing DIN EN 60811-404	Gasoline resistance	Good, application-related testing
	Oil resistance	Good, application-related testing DIN EN 60811-404

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: 2024-05-02



Bending radius (fixed)	8 x Outer diameter
No. of bending cycles (C-track)	35 Mio. @ 25 °C
No. of torsion cycles	5 Mio. 25 °C
Torsion stress	± 180 °/m