

M12 male 90° D-cod. with cable shielded

TPE 22AWG SF/UTP CAT5e gn UL/CSA. ITC/PLTC 5m

USA Ethernet CAT5 Male 90° M12, 4-pole D-coded shielded

Further cable lengths on request.

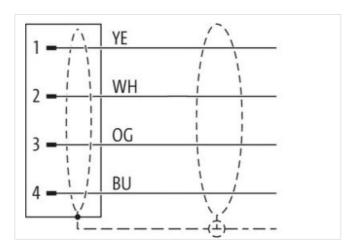
Plastic housings with good resistance against chemicals and oils.

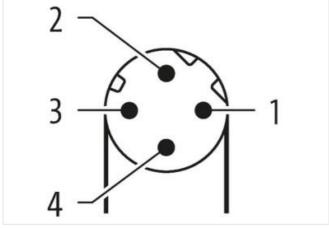
The resistance to aggressive media should be individually tested for your application. Further details on request.

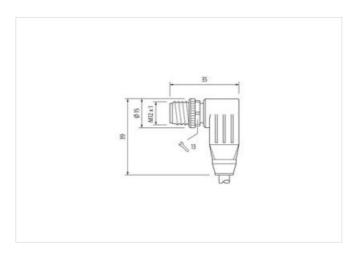
Link to Product

Illustration









Product may differ from Image













Cable length

5 m



stay connected

Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	D
No. of poles	4
Width across flats	SW13
Side 2	on to
Stripping length (jacket)	20 mm
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC002599
customs tariff number	85444290
GTIN	4048879606271
Packaging unit	1
Electrical data Supply	
Operating voltage DC max.	60 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 fund	
duplex	Full duplex
Installation Connection	
Stripping length (jacket)	20 mm
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP66K
Additional condition protection degree	inserted, screwed
<u> </u>	inserted, screwed
Pollution Degree	
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	1
Mechanical data	
Contour for corrugated hose	without
Mechanical data Material data	
Coating locking	Nickeled
Locking material	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

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: 2024-06-26



Note on bending radius Abention: Observe the permissible bending radie when laying cables, as the IP protection class can be endanger forces. Product standard INN EN 61978 2-101 (M12) Installation (Cable Installation (Cable) wire arrangement (white, blue), (orange, yellow) Cabbe identification S7V Lacked Color green Type of Certificate CliPus Amount alranding (type 2) 2 vices twented Standing (type 2) 2 Standing (type 2) 2 Standing (type 2) Standing (type 2) 2 Standing (type 2) 2 Standing (type 2) Cabbe shielding (type) copper braid, finned Cabbe shielding (type 2) 75 % Banding (type 2) 75 % Banding (type 2) 75 % Cabbe shielding (type 2) 75 % Banding (type 2) 75 % Brading (type 2) </th <th>Note on strain relief</th> <th>Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.</th>	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement (white, blue), (orange, yellow) Cable identification S7V Jacket Color green Type of Certificate UFUs Amount stranding 2 Stranding 2 wires twisted Amount stranding (type 2) 1 Stranding (type 2) 2 Stranded joints twisted Cable shielding (type) copper braid, fineed Cable shielding (type) copper braid, fineed Cable shielding (type) 75 % Banding Foil Winter all public bull, (orange, yellow) Cable weighth 74.8 g/m Material jacket TPE Feedom from ingredients (jacket) 7.97 mm Outer-diameter (glecket) 7.97 mm Tolerance outer diameter (sheath) 5 % Material is vice insulation 1.47 mm Outer diameter (sheath) 5 % Material vice insulation 1.47 mm Outer diameter (sheath) 2.5 % Material vice insulation	Note on bending radius	
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Min. operating temperature (static) Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) Operating temperature max. (dynamic) 80 °C Storage temperature min. -40 °C Storage temperature max. 80 °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 Good, application-related testing DIN EN 60811-404 Bending radius (dynamic) 2 x Outer diameter No. of bending cycles (C-track) 35 Mio.	Electrical resistance line constant wire	45,1 Ω/km
Operating temperature min. (dynamic) Operating temperature max. (dynamic) 80 °C Storage temperature min40 °C Storage temperature max. 80 °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 Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (dynamic) 2 x Outer diameter No. of bending cycles (C-track) 35 Mio.	Min. operating temperature (static)	
Operating temperature max. (dynamic) 80 °C Storage temperature min40 °C Storage temperature max. 80 °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 Good, application-related testing DIN EN 60811-404 Bending radius (dynamic) 2 × Outer diameter No. of bending cycles (C-track) 35 Mio. No. of torsion cycles 5 Mio.	Max. operating temperature (fixed)	80 °C
Operating temperature max. (dynamic) 80 °C Storage temperature min40 °C Storage temperature max. 80 °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 Good, application-related testing DIN EN 60811-404 Bending radius (dynamic) 2 × Outer diameter No. of bending cycles (C-track) 35 Mio. No. of torsion cycles 5 Mio.	Operating temperature min. (dynamic)	-40 °C
Storage temperature max. 80 °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 Good, application-related testing DIN EN 60811-404 Bending radius (dynamic) 2 x Outer diameter No. of bending cycles (C-track) 35 Mio. No. of torsion cycles 5 Mio.	Operating temperature max. (dynamic)	80 °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 Good, application-related testing DIN EN 60811-404 Bending radius (dynamic) 2 x Outer diameter No. of bending cycles (C-track) 35 Mio. No. of torsion cycles 5 Mio.	Storage temperature min.	-40 °C
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (dynamic) 2 x Outer diameter No. of bending cycles (C-track) 35 Mio. No. of torsion cycles 5 Mio.		80 °C
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (dynamic) 2 x Outer diameter No. of bending cycles (C-track) 35 Mio. No. of torsion cycles 5 Mio.	Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (dynamic) 2 x Outer diameter No. of bending cycles (C-track) 35 Mio. No. of torsion cycles 5 Mio.	chemical resistance	
Bending radius (dynamic) 2 x Outer diameter No. of bending cycles (C-track) 35 Mio. No. of torsion cycles 5 Mio.	Gasoline resistance	Good, application-related testing
Bending radius (dynamic) 2 x Outer diameter No. of bending cycles (C-track) 35 Mio. No. of torsion cycles 5 Mio.	Oil resistance	Good, application-related testing DIN EN 60811-404
No. of bending cycles (C-track) 35 Mio. No. of torsion cycles 5 Mio.	Bending radius (dynamic)	
No. of torsion cycles 5 Mio.		
Torsion stress ± 180 °/m		5 Mio.
	Torsion stress	± 180 °/m