

M12 male 0° A-cod. with cable shielded

TPE 4x2x24AWG SF/UTP CAT5e bu UL/CSA. CM 10m

USA **Ethernet CAT5** Male straight M12, 8-pole

with cable sleeves

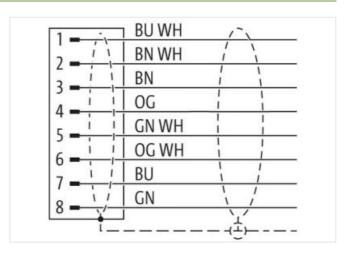
Plastic housings with good resistance against chemicals and oils.

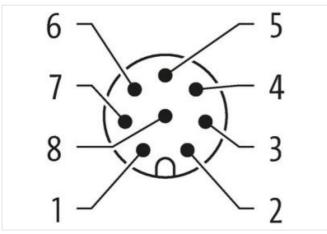
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

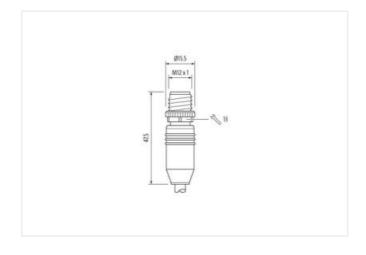
Link to Product

Illustration









Product may differ from Image













Cable length

10 m

Side 1



stay connected

Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
No. of poles	8
Width across flats	SW13
Side 2	
Stripping length (jacket)	60 mm
Family construction form	free cable end
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	4048879602280
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.	1000 MBit/s
Installation Connection	
Stripping length (jacket)	60 mm
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP66K
Additional condition protection degree	inserted, screwed
Pollution Degree	2
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	1
Mechanical data	
Contour for corrugated hose	without
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
·	-25 °C
Operating temperature min.	-25 °C 85 °C
Operating temperature max	
Operating temperature max. Additional condition temperature range	depending on cable quality
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Additional condition temperature range Important installation notes	
Additional condition temperature range	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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Additional condition temperature range Important installation notes Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be



stay connected

Installation Cable	
vire arrangement	(orange-white, orange), (blue-white, blue), (brown-white, brown), (green-white, green)
Cable identification	S4W
Jacket Color	blue
Гуре of Certificate	cURus
Amount stranding	4
Stranding	2 wires twisted
Stranding (type 2)	4 Stranded joints twisted
Banding	Foil
vire arrangement	(orange-white, orange), (blue-white, blue), (brown-white, brown), (green-white, green)
Cable weigth	74,8 g/m
Material jacket	TPE
reedom from ingredients (jacket)	lead-free, CFC-free
Outer-diameter (jacket)	7,6 mm
Folerance outer diameter (sheath)	±5%
Material wire insulation	HDPE
Amount wires	8
Outer diameter insulation	1,17 mm
Outer diameter tolerance core insulation	±5%
ngredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	7
Diameter of single wires	24 AWG
Conductor crosssection (wire)	24 AWG
Material conductor wire	copper stranded wire, tinned
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4 A
Electrical resistance line constant wire	59 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	3 kV @ 60 s
Electrical capacity line constant (wire - wire)	49000 pF/km
Power frequency withstand voltage (wire - acket)	3 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	1 Mio. @ 25 °C
No. of torsion cycles	3 Mio. 25 °C