

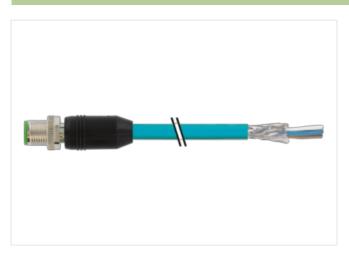
## M12 male 0° A-cod. with cable shielded

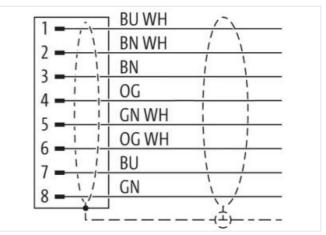
TPE 4x2x24AWG SF/UTP CAT5e bu UL/CSA. CM 7.5m

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

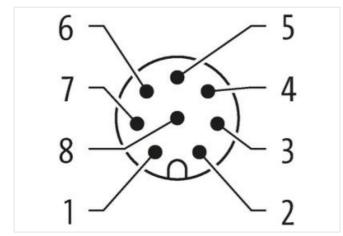




M12 x 1

53

A B



Product may differ from Image



Cable length

7,5 m

## Side 1

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Mounting method         inserted, screwed           Family construction form         M12 x 1           Coding         A           No. of poles         8           Width across flats         SW13           Side 2         SW13           Side 2         SW13           Early construction form         free cable end           Commercial data         Z279218           ECLASS 4.0         27279218           ECLASS 4.0         27279218           ECLASS 4.0         27279218           ECLASS 5.0         27279218           ECLASS 5.0         27279218           ECLASS 5.0         27279218           ECLASS 5.0         27060301           ECLASS 5.1.1         27060307           ECLASS 5.1.2         27060307           ECLASS 5.1.1         27060307           ECLASS 5.1.2         27060307           ECLASS 5.1.1         270606307           Eclass	
Thread         M12 x 1           Coding         A           No. of poles         8           Width across flats         SW13           Side 2	
Coding         A           No. of poles         8           No. of poles         8           With across flats         SW13           Side 2         Suppole length (jacket)         60 mm           Family construction form         free cable end         Commercial data           ECLASS 6.0         27279218         ECLASS 7.0         27279218           ECLASS 7.0         27279218         ECLASS 7.0         ECLASS 7.0           ECLASS 7.0         27279218         ECLASS 7.0         ECLASS 7.0           ECLASS 7.0         27279218         ECLASS 7.0         ECLASS 7.0           ECLASS 7.0.1         27060307         ECLASS 7.0         ECLASS 7.0           ECLASS 7.0.1         27060307         ECLASS 7.0         ECCASS 7.0           ECLASS 7.0         ECO02599         coustoms tarff number         S444290           GTIN         404897802273         Packaging unit         1           Elected data   Supply         Corrent operating per contact max.         1,5 A           Industrial communication         Industrial communication         Industrial communication           Transfer parameters         CATS, Class D (ISO/EC 11801:2002), (EN 50173-1)         Data transmission rate max.         1,5 A           Evice protecic	
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Width across flats         SW13           Side 2         Stripping length (jacket))         60 mm           Family construction form         free cable end           Commercial data         E           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 6.0         27279218           ECLASS 6.0         27279218           ECLASS 6.0         27279218           ECLASS 6.0         27260307           ECLASS 6.1.1         27060307           ECLASS 7.0         27060307           ECLASS 7.1.1         27060307           ECLASS 7.2.0         27060307           ECLASS 7.1.1         27060307           ECLASS 7.2.0         27060307           ECLASS 7.3.1         27060307           ECLASS 7.4.1         27060307           ECLASS 7.5.1.1         27060307           ETIM .5.0         ECO02599           castors tairlint number         65 V           Current operating voltage DC max.         15 A           Indus	
Side 2           Stripping length (jacket)         60 mm           Family construction form         free cable end           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-6.0         2726031           ECLASS-1.0         27060307           ECLASS-1.1         27060307           ECLASS-1.1         27060307           ECLASS-1.1         27060307           ECLASS-1.2.0         27060307           ECLASS-1.3         27060307           ECLASS-1.1         27060307           ECLASS-1.1         27060307           ECLASS-1.2.0         27060307           ECLASS-1.3         27060307           ECLASS-1.4         27060307           ECLASS-1.5.0         ECO02599           customs tariff number         85444280           GTIN         404879802273           Packaging unit         1           Ectrical data [Supply         Contract max.           Operating voltage DC max.         60 V           Current operating per contact max.         1.5 A           Industrial communication         Ecterical data [Supply           Data transmission rate max.         10000 MBit/s           Inarsfer p	
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Family construction form         free cable end           Commercial data         ECLASS-6.0         27279218           ECLASS-7.0         27279218         ECLASS-7.0         27279218           ECLASS-8.0         27279218         ECLASS-8.0         27279218           ECLASS-8.0         27279218         ECLASS-8.0         2729218           ECLASS-10.1         27060307         ECLASS-11.1         27060307           ECLASS-12.0         27060307         ECLASS-12.0         27060307           ECLASS-12.0         27060307         ECLASS-12.0         27060307           ECLASS-12.0         27060307         ECLASS-12.0         27060307           ECLASS-12.0         27060307         ECLASS-12.0         27060307           ECLASS-11.1         27060307         ECLASS-12.0         27060307           ECLASS-12.0         27060307         ECLASS-11.1         ECMASS-12.0           ustorns inf number         85444290         GTIN         404887602273           Packaging unit         1         Ecterical data   Supply         Current operating per contact max.         1,5 A           Industrial communication         1.5 A         Industrial communication         Installation   Connection         Ectencical data   Supply           Data tra	
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ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ECLASS-12.0         27060307           ECLASS-12.0         27060307           ECLASS-12.0         27060307           ETM-5.0         EC002599           customs tariff number         85444290           GTIN         4048879602273           Packaging unit         1           Electrical data   Supply         Communication           Current operating por contact max.         15 A           Industrial communication         Transfer parameters           CAT5, Class D (ISO/IEC 11801-2002), (EN 50173-1)         Data transmission rate max.           Industrial condition protection at max.         1000 MBit/s           Installation   Connection         Stripping length (jacket)         60 mm           Degree of protection   Electrical         Serveed           Polution Degree         2         Rated surge voltage           Oldition protection degree         1         Serveed           Polution Degree         2         Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         1 </td <td></td>	
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         4048879602273           Packaging unit         1           Electrical data   Supply         Operating voltage DC max.           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.           Installation   Connection         60 mm           Device protection   Electrical         Degree of protection (EN IEC 60529)           Degree of protection (EN IEC 60529)         IP65, IP67, IP66K           Additional condition protection degree         2           Rated surge voltage         0,8 KV           Material group (IEC 60664-1)         1           Mechanical data         Contour for corrugated hose           Without         Mechanical data           Mounting method         inserted, screwed, Shaking protection           Poreating temperature min.         -25 °C <td></td>	
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ECLASS-11.1         27060307           ECLASS-12.0         27060307           ETIM-5.0         EC002599           customs tariff number         85444290           GTIN         404887602273           Packaging unit         1           Electrical data   Supply         0           Operating voltage DC max.         60 V           Current operating por contact max.         1,5 A           Industrial communication         1           Transfer parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         1000 MBit/s           Installation   Connection         1           Stripping length (jacket)         60 m           Degree of protection   Electrical         1           Degree of protection (EN IEC 60529)         IP65, IP67, IP66K           Additional condition protection degree         inserted, screwed           Pollutin Degree         2           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         1           Mechanical data         Contour for corrugated hose           Contour for corrugated hose         without           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Mounting me	
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ETIM-5.0         EC002599           customs tariff number         85444290           GTIN         4048879602273           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           Degree of protection   Electrical            Degree of protection degree         inserted, screwed           Pollution Degree         2           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         I           Mechanical data         Mounting data           Mounting method         inserted, screwed, Shaking protection           Mechanical data   Mounting data            Mounting method         inserted, screwed, Shaking protection           Polect protection for corrugated hose         without           Mechanical data   Mounting data            Mounting method <td></td>	
customs tariff number         85444290           GTIN         4048879602273           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 MBil/s           Installation   Connection            Stripping length (jacket)         60 mm           Device 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         Imouting method           Mechanical data         imserted, screwed, Shaking protection           Environmental characteristics   Climatic         -25 °C	
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Contour for corrugated hose     without       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -25 °C	
Mechanical data   Mounting data         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic         Operating temperature min.       -25 °C	
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic       Operating temperature min.     -25 °C	
Environmental characteristics   Climatic       Operating temperature min.     -25 °C	
Operating temperature min25 °C	
Operating temperature max. 85 °C	
Additional condition temperature range depending on cable quality	
Important installation notes	
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	
Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	е
Conformity	
Product standard DIN EN 61076-2-101 (M12)	

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## Installation | Cable

instantation   ouble	
Cable identification	S4W
Jacket Color	blue
Type of Certificate	cURus
Amount stranding	4
Stranding	2 wires twisted
Stranding (type 2)	4 Stranded joints twisted
Banding	Foil
wire arrangement	(orange-white, orange), (blue-white, blue), (brown-white, brown), (green-white, green)
Cable weigth	74,8 g/m
Material jacket	TPE
Freedom from ingredients (jacket)	lead-free, CFC-free
Outer-diameter (jacket)	7,6 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	HDPE
Amount wires	8
Outer diameter insulation	1,17 mm
Outer diameter tolerance core insulation	± 5 %
Ingredient 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 - jacket)	3 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	0° 08
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
Travel speed (C-track)	1 Mio. @ 25 °C
No. of torsion cycles	3 Mio. 25 °C
Torsion stress	± 270 °/m

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