

M12 male 0° D-cod. / RJ45 male 0° shielded

TPE 2x2x24AWG SF/UTP CAT5e bu UL/CSA. CM 0.3m

Ethernet CAT5

Further cable lengths on request.

Male straight – male straight

M12 – RJ45, 4-pole

D-coded

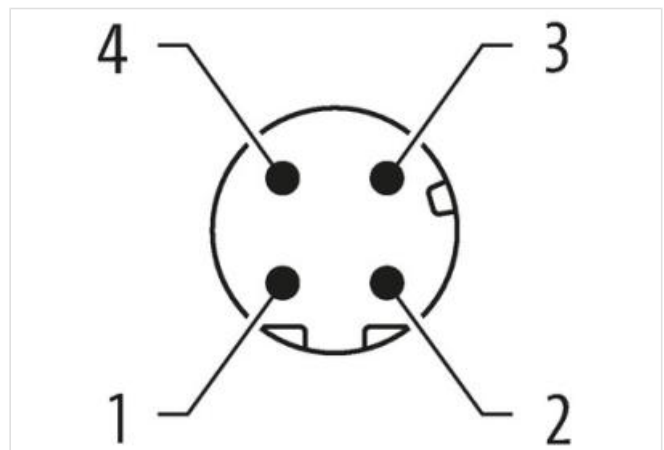
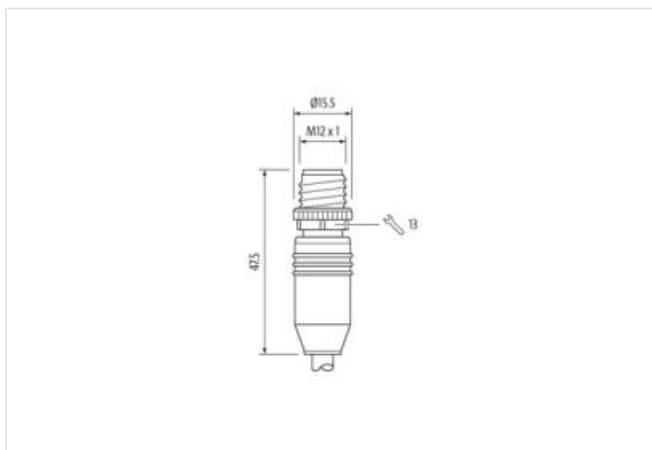
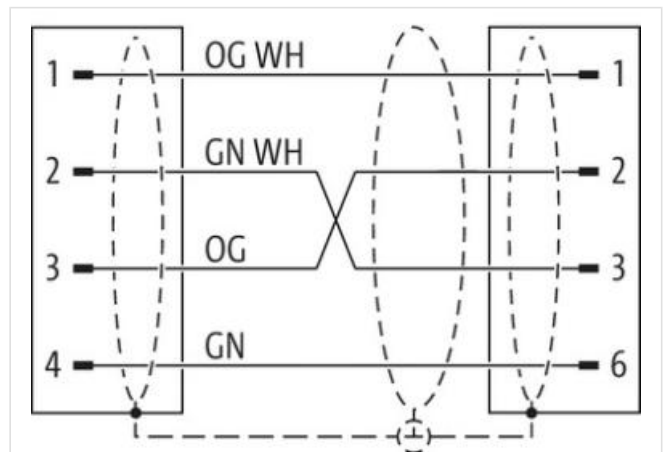
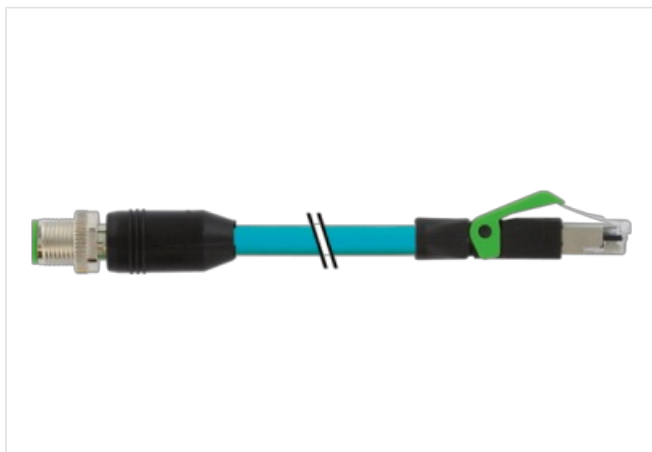
shielded

8-pole partly used

USA

without cable sleeves

Cable is approved for 600 V

[Link to Product](#)**Illustration**



Product may differ from Image



Cable length	0,3 m
Side 1	
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
Degree of protection (EN IEC 60529)	IP67
Side 2	
Mounting method	pluggable
Family construction form	RJ45
Cable outlet	straight
No. of poles	4
Degree of protection (EN IEC 60529)	IP20
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	4048879619660
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)
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Data transmission rate max.	100 MBit/s
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Industrial communication | Ethernet functionality

duplex	Full duplex
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Device protection | Electrical

Pollution Degree	3
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Rated surge voltage	1 kV
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Material group (IEC 60664-1)	I
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Environmental characteristics | Climatic

Operating temperature min.	-25 °C
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Operating temperature max.	85 °C
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Additional condition temperature range	depending on cable quality
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Important installation notes

Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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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.
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Conformity

Product standard	DIN EN 61076-2-101 (M12)
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Installation | Cable

Cable identification	S4U
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Jacket Color	teal
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Type of Certificate	cURus
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Amount stranding	2
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Stranding	2 wires twisted
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Stranding (type 2)	2 Stranded joints twisted
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Cable shielding (type)	Metal fleece
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Cable shielding (coverage)	75 %
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Banding	Fleece
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wire arrangement	(orange-white, orange), (green-white, green)
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Cable weight	55,66 g/m
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Material jacket	TPE
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Freedom from ingredients (jacket)	lead-free, CFC-free
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Outer-diameter (jacket)	6,6 mm
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Tolerance outer diameter (sheath)	± 5 %
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Material wire insulation	HDPE
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Amount wires	4
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Outer diameter insulation	1,25 mm
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Outer diameter tolerance core insulation	± 5 %
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Shore hardness wire insulation	65 ± 3 Shore D
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Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
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Amount strands (wire)	7
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Diameter of single wires	22 AWG
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Conductor crosssection (wire)	24 AWG
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Material conductor wire	copper stranded wire, tinned
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Nominal voltage AC max.	300 V
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Current load capacity (standard)	to DIN VDE 0298-4
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Current load capacity min. wire	4,8 A
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Electrical resistance line constant wire	59 Ω/km @ 20 °C
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AC withstand voltage (wire - wire)	3 kV @ 60 s
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Electrical capacity line constant (wire - wire)	49000 pF/km
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Power frequency withstand voltage (wire - jacket)	3 kV @ 60 s
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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 (installation)	x Outer diameter
Bending radius (fixed)	7 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter