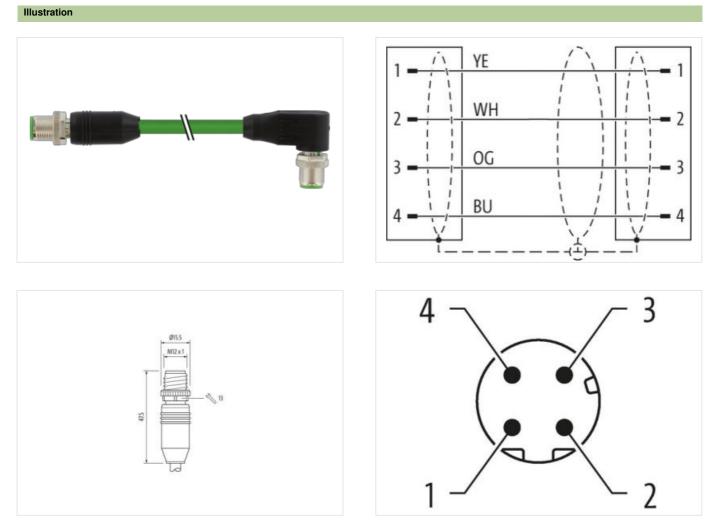


M12 male 0° / M12 male 90° D-cod. shielded

TPE 22AWG SF/UTP CAT5e gn UL/CSA. ITC/PLTC 10m

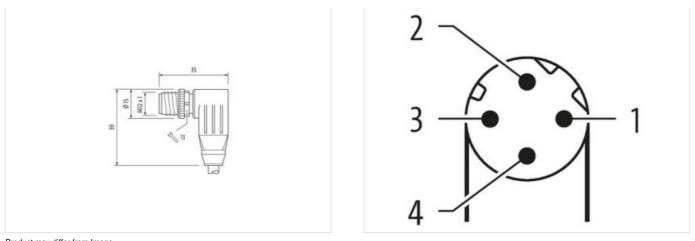
USA Ethernet CAT5 Male 90° – male straight M12 – M12, 4-pole D-coded shielded Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product



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Product may differ from Image





Mounting method in Family construction form M Thread M Cable outlet st Coding D No. of poles 4 Width across flats S Side 2 Tightening torque Mounting method in Family construction form M Thread M Cable outlet at Coding D No. of poles 4 Width across flats S Coding D No. of poles 4 Width across flats S Coding D No. of poles 4 Width across flats S Commercial data E ECLASS-6.0 2 ECLASS-7.0 2	
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ECLASS-9.0 2	7061801
ECLASS-10.1 2	7060307
ECLASS-11.1 2	7060307
ECLASS-12.0 2	7060307
ETIM-5.0 E	C002599
customs tariff number 8	5444290
GTIN 4	048879605540
Packaging unit 1	
Electrical data Supply	

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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 fun	ctionality
· · · · · ·	
duplex	Full duplex
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	
Contour for corrugated hose	without
Mechanical data Material data	
Coating locking	nickel plated
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
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.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
· · · ·	
Cable identification	S7V
Jacket Color	green cURus
Type of Certificate Amount stranding	contas
	2
Stranding	2 2 wires twisted
Stranding	2 wires twisted
Amount stranding (type 2)	2 wires twisted 1
Amount stranding (type 2) Stranding (type 2)	2 wires twisted 1 2 Stranded joints twisted
Amount stranding (type 2) Stranding (type 2) Cable shielding (type)	2 wires twisted 1 2 Stranded joints twisted copper braid, tinned
Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage)	2 wires twisted 1 2 Stranded joints twisted copper braid, tinned 75 %
Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Banding	2 wires twisted 1 2 Stranded joints twisted copper braid, tinned 75 % Foil
Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Banding wire arrangement	2 wires twisted 1 2 Stranded joints twisted copper braid, tinned 75 % Foil (white, blue), (orange, yellow)
Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Banding wire arrangement Cable weigth	2 wires twisted 1 2 Stranded joints twisted copper braid, tinned 75 % Foil
Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Banding wire arrangement Cable weigth Material jacket	2 wires twisted 1 2 Stranded joints twisted copper braid, tinned 75 % Foil (white, blue), (orange, yellow) 74,8 g/m TPE
Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Banding wire arrangement Cable weigth Material jacket Freedom from ingredients (jacket)	2 wires twisted 1 2 Stranded joints twisted copper braid, tinned 75 % Foil (white, blue), (orange, yellow) 74,8 g/m TPE lead-free, CFC-free, halogen-free
Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Banding wire arrangement Cable weigth Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	2 wires twisted 1 2 Stranded joints twisted copper braid, tinned 75 % Foil (white, blue), (orange, yellow) 74,8 g/m TPE
Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Banding wire arrangement Cable weigth Material jacket Freedom from ingredients (jacket)	2 wires twisted 1 2 Stranded joints twisted copper braid, tinned 75 % Foil (white, blue), (orange, yellow) 74,8 g/m TPE lead-free, CFC-free, halogen-free 7,87 mm ± 5 %
Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Banding wire arrangement Cable weigth Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	2 wires twisted 1 2 Stranded joints twisted copper braid, tinned 75 % Foil (white, blue), (orange, yellow) 74,8 g/m TPE lead-free, CFC-free, halogen-free 7,87 mm

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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
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	8 x Outer diameter
Travel speed (C-track)	35 Mio. @ 25 °C
No. of torsion cycles	5 Mio. 25 °C
Torsion stress	± 180 °/m

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