

M12 fem. recept. D-cod. rear/RJ45 male 0° shielded

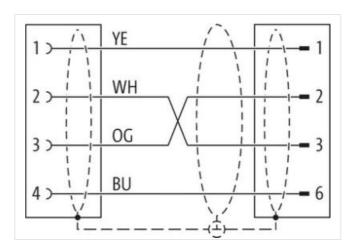
TPE 2x2x24AWG SF/UTP CAT5e bu UL/CSA. CM 0.6m

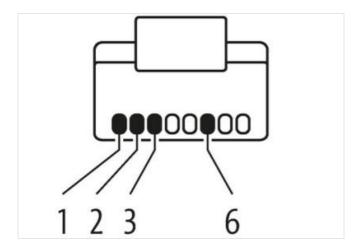
Ethernet CAT5
Further cable lengths on request.
Flange female straight – male straight M12 – RJ45, 4-pole
D-coded
shielded
8-pole partly used
Rear mounting
USA
Cable is approved for 600 V

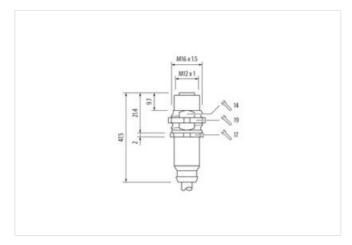
Link to Product

Illustration



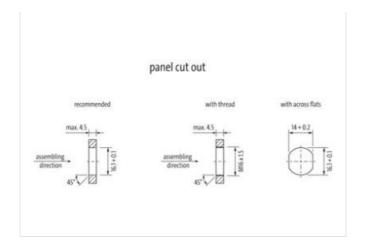


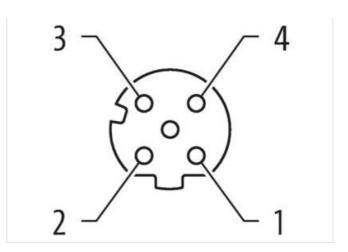


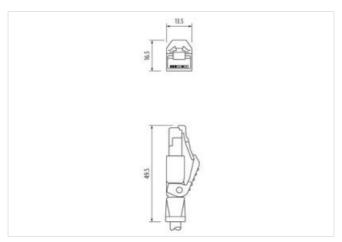




stay connected







Product may differ from Image









Cable length	0,6 m
Side 1	
Family construction form	M12
suitable for corrugated tube (internal Ø)	10 mm
Coding	D
No. of poles	4
Degree of protection (EN IEC 60529)	IP67
Side 2	
Mounting method	pluggable
Family construction form	RJ45
No. of poles	4
Degree of protection (EN IEC 60529)	IP20
Commercial data	
ECLASS-6.0	27279220
ECLASS-6.1	27279220
ECLASS-7.0	27440103
ECLASS-8.0	27440103



stay connected

ECLASS-9.0	27440103
ECLASS-10.1	27440103
ECLASS-11.1	27440103
ECLASS-12.0	27440103
ETIM-5.0	EC002599
customs tariff number	85444290
GTIN	4048879619769
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 funct	ionality
·	
duplex	Full duplex
Device protection Electrical	
Protection NEMA	3, 4, 6P
Pollution Degree	3
Rated surge voltage	1 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Coating locking	nickel plated
Locking material	Brass
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.
In stellation Oakla	endangered by excessive bending forces.
Installation Cable	
Cable identification	S4U
Jacket Color	teal
Type of Certificate	cURus
Amount stranding	2
Stranding	2 wires twisted
Stranding (type 2)	
Cable shielding (type)	2 Stranded joints twisted
Cable shielding (coverage)	Metal fleece
	Metal fleece 75 %
Banding	Metal fleece 75 % Fleece
wire arrangement	Metal fleece 75 % Fleece (orange-white, orange), (green-white, green)
wire arrangement Cable weigth	Metal fleece 75 % Fleece (orange-white, orange), (green-white, green) 55,66 g/m
wire arrangement Cable weigth Material jacket	Metal fleece 75 % Fleece (orange-white, orange), (green-white, green) 55,66 g/m TPE
wire arrangement Cable weigth Material jacket Freedom from ingredients (jacket)	Metal fleece 75 % Fleece (orange-white, orange), (green-white, green) 55,66 g/m
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wire arrangement Cable weigth Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	Metal fleece 75 % Fleece (orange-white, orange), (green-white, green) 55,66 g/m TPE lead-free, CFC-free 6,6 mm
wire arrangement Cable weigth Material jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	Metal fleece 75 % Fleece (orange-white, orange), (green-white, green) 55,66 g/m TPE lead-free, CFC-free 6,6 mm ± 5 %



Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	65 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	7
Diameter of single wires	22 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	4,8 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)	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