

M8 male 0° A-cod. / RJ45 male 0° shielded

PUR 1x4xAWG26 shielded gn UL/CSA+drag ch. 11m

Ethernet CAT5 Male straight – male straight M8, 4-pole – RJ45, 8/4-pole shielded

Contour for corrugated tube inner diameter 6.5 mm

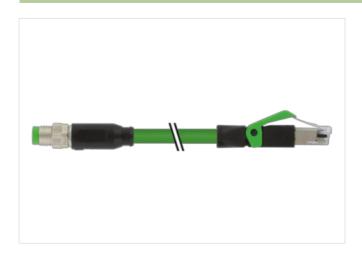
Further cable lengths on request.

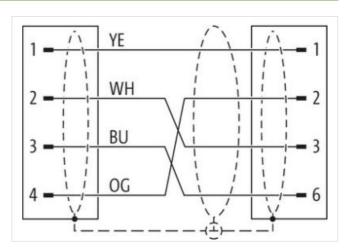
Plastic housings with good resistance against chemicals and oils.

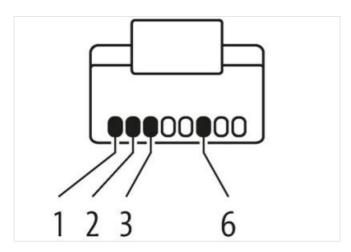
The resistance to aggressive media should be individually tested for your application. Further details on request.

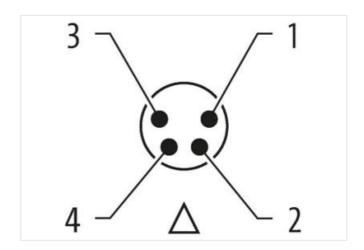
Link to Product

Illustration



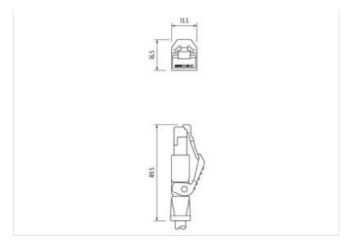


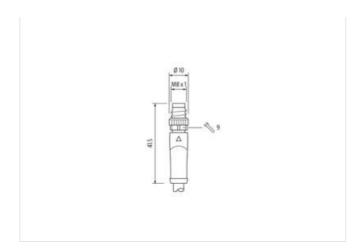






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Product may differ from Image



Mounting method pluggable Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6.5 mm Cable outlet straight No. of poles 4 Width across flats SW9 Degree of protection (EN IEC 60529) IP67 Side 2 Family construction form RU45 Cable outlet straight Degree of protection (EN IEC 60529) IP20 Commercial data ECLASS-6.0 27279221 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-13.1 4048879828758 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Operating voltage DC max.	Cable length	11 m
Mounting method pluggable	Side 1	
Family construction form M8 Thread M8 x 1 Suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet straight No. of poles 4 Width across flats SW9 Degree of protection (EN IEC 60529) IP67 Family construction form RJ45 Cable outlet straight Degree of protection (EN IEC 60529) IP20 Commercial data ECLASS-6.0 27279221 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-1.1 2	Tightening torque	0,4 Nm
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Operating voltage DC max. 60 V Operating voltage DC max. (UL-listed) 30 V Current operating per contact max. 1,5 A	Packaging unit	1
Operating voltage DC max. (UL-listed) 30 V Current operating per contact max. 1,5 A	Electrical data Supply	
Current operating per contact max. 1,5 A	Operating voltage DC max.	60 V
	Operating voltage DC max. (UL-listed)	30 V
Industrial communication	Current operating per contact max.	1,5 A
	Industrial communication	



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Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Device protection Electrical	
Pollution Degree	3
Rated surge voltage	1 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
	Mishalad
Coating locking Material housing	Nickeled PUR
Locking material	Zinc die-casting
	Ziric 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.
	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on bending radius	endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-104 (M8); IEC 60603-7 (RJ45)
Installation Cable	
Cable identification	791
Jacket Color	green
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires star-shaped twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fiber tape, Fleece, Foil
Filler	yes
wire arrangement	white, orange, blue, yellow
Traversing distance (C-track)	5 m
Cable weigth	59,4 g/m
Material jacket	PUR
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	4,9 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,04 mm
Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	19
Diameter of single wires	26 AWG
Conductor crosssection (wire)	26 AWG
Material conductor wire	copper stranded wire, tinned
Nominal voltage AC max.	300 V to DIN VDE 0298-4
Current load capacity (standard)	
Current load capacity min. wire	2,4 Å
Characteristic impedance Electrical resistance line constant wire	100 Ω ± 15 % @ 100 MHz 140 Ω/km
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AC withstand voltage (wire - wire)	0,7 kV @ 60 s
Electric capacitance	51000 pF/km
Power frequency withstand voltage (wire - jacket)	0,7 kV @ 60 s
AC withstand voltage (wire - shield)	0,7 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
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	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	7,5 x Outer diameter
Bending radius (dynamic)	12,5 x Outer diameter