

M8 male 0° A-cod. with cable shielded

PUR 1x4xAWG26 shielded gn UL/CSA+drag ch. 15m

Ethernet CAT5e Male straight M8, 4-pole shielded

Further cable lengths on request.

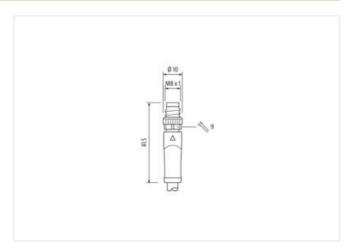
Plastic housings with good resistance against chemicals and oils.

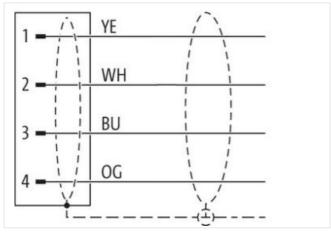
The resistance to aggressive media should be individually tested for your application. Further details on request.

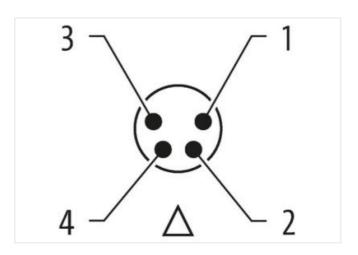
Link to Product

Illustration









Product may differ from Image











Cable length

15 m

Side 1

Tightening torque

0,4 Nm

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-02



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Family construction form	Mounting method	inserted, screwed
suitable for corrugated tube (internal Ø) 8,5 mm Material PUR Width across latis SW9 Degree of protection (EN IEC 60829) IP65, IP66K, IP67 Commercial data ECLASS-8.0 27060307 ECLASS-8.0.1 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC0022599 customa turiff umber 85444290 GTIN 4048679375207 Packaging unit 1 Electrical data Supply Operating voltage DC 60 V Current operating per contact max. 1.5 A Industrial communication Industrial communication In	Family construction form	M8
Material	Thread	M8 x 1
Degree of protection (EN IEC 60529) IPS5, IP66K, IP67	suitable for corrugated tube (internal Ø)	8,5 mm
Degree of protection (EN IEC 60529) IP65, IP66K, IP67	Material	PUR
Commercial data	Width across flats	SW9
ECLASS-6.0 27061801 ECLASS-7.0 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 127060307 ECLASS-10.1 127060307 ECLAS-10.1 12706007 ECLAS-10.1 127060307 ECLAS-10.1 127060307 ECLAS-10.1 127060307 ECLAS-10.1 12706007 ECLAS-10.1 12706007 ECLAS-10.1 127060307 ECLAS-10.1 12706007 ECLAS-10.1 12706007 ECLAS-10.1 127060	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
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ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 4048879375207 Packaging unit 1 Electrical data Suppty Operating voltage DC Current operating per contact max. 1,5 A Industrial communication Transfer parameters With reference to CAT5, Class D (ISO/IEC 11801) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex Installation Connection Mounting set M8 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Mechanical data Material data I Coating of fitting nickel plated Locking mate	ECLASS-6.1	27060307
ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 854444290 GTIN 4048879375207 Packaging unit 1 Electrical data Supply Operating voltage DC 60 V Current operating per contact max. 1,5 A Industrial communication Transfer parameters With reference to CAT5, Class D (ISO/IEC 11801) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Industrial communication Ethernet functionality Mounting set M8 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Mechanical data Material data Coating of fitting	ECLASS-7.0	27060307
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Environmental characteristics Climatic	Mechanical data Mounting data	
	Mounting method	inserted, screwed, Shaking protection
	Environmental characteristics Climatic	
Operating temperature min25 °C	Operating temperature min.	-25 °C
Operating temperature max. 85 °C	· · · ·	
Additional condition temperature range depending on cable quality	Additional condition temperature range	depending on cable quality
Important installation notes	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 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.	Note on bending radius	
Installation Cable		



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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
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
Traversing distance (C-track)	5 m
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	2,4 A
Characteristic impedance	100 Ω ± 15 % @ 100 MHz
Electrical resistance line constant wire	140 Ω/km
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