

M8 male 0° / M8 female 90° A-cod. shielded

PVC 4x0.34 shielded gy UL/CSA 0.6m

M8 - M8, 4-pole

Male straight - female 90°

shielded

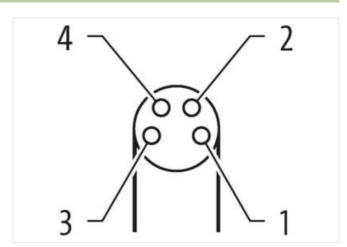
Plastic housings with good resistance against chemicals and oils.

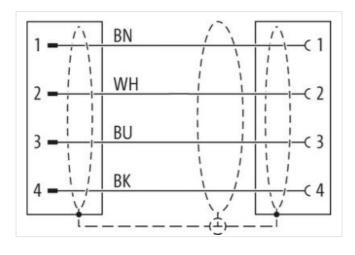
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

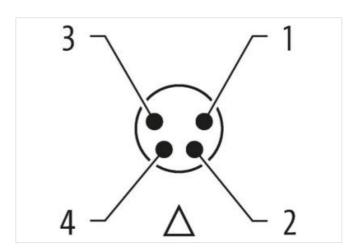
Link to Product

Illustration



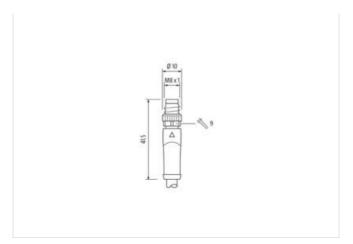


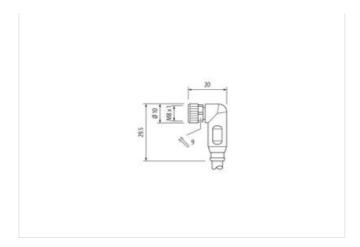






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Product may differ from Image





Fightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Infriead M8 x 1 Multable for corrugated tube (internal Ø) 8,5 mm Deding A Material contact Copper alloy No. of poles 4 Width across flats SW9 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Soating contact gold plated Family construction form M8 Thread M8 x 1 Suitable for corrugated tube (internal Ø) 6,5 mm Soding A Material contact Copper alloy No. of poles 4 Collaborated CollaSS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311	Cable length	0,6 m
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State Stat	Family construction form	M8
Coding A Material contact Copper alloy Vo. of poles 4 Width across flats SW9 Side 2 Injection for up Mounting method inserted, screwed Journal of pathod inserted, screwed Journal of pathod inserted, screwed Journal of pathod Journal of pathod Journal of pathod M8 Journal of pathod M8 Inhead M8 x 1 Journal of pathod M8 x 1 Journal of pathod M8 x 1 Journal of pathod Journal of pathod Journal of pathod Journal of pathod Journal of pathod M8 x 1 Journal o	Thread	M8 x 1
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Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 Suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material contact Copper alloy No. of poles 4 CLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311	No. of poles	4
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Suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material contact Copper alloy No. of poles 4 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311	Family construction form	M8
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ECLASS-12.0 27060311	ECLASS-10.1	27060311
	ECLASS-11.1	27060311
FTIM-5.0 EC001855	ECLASS-12.0	27060311
	ETIM-5.0	EC001855



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customs tariff number	85444290
GTIN	4048879423618
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	T.
Mechanical data Material data	
Coating locking	Nickeled
Material gasket	FKM
Material housing	PUR
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
	asportantly on capic quanty
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 61076-2-114 (M8)
Installation Cable	
wire arrangement	brown, black, blue, white
Cable identification	201
Cable Type	1
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece, Foil
wire arrangement	brown, black, blue, white
Cable weigth	58,3 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,3 mm
Outer diameter (jacket)	-,

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: 2024-05-24



Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 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)	10 x Outer diameter