

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

PUR 3x0.34 shielded gy UL/CSA+drag ch. 2m

M8 - M8, 3-pole

Male straight - female 90°

shielded

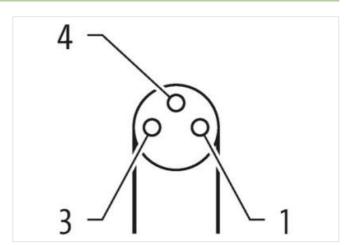
Plastic housings with good resistance against chemicals and oils.

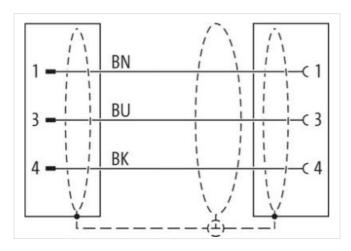
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

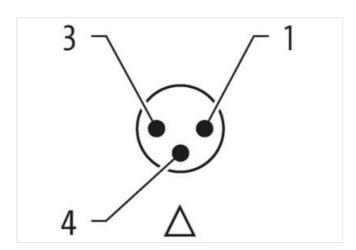
Link to Product

Illustration



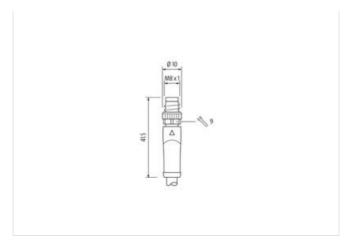


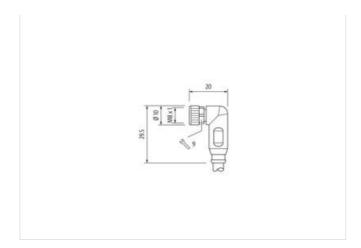






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Product may differ from Image





Injection Inje	Cable length	2 m
Mounting method Inserted, screwed	Side 1	
Coating contact gold plated amily construction form M8 Finead M8 x 1 usuitable for corrugated tube (internal Ø) 8.5 mm Coding A Material contact Copper alloy No. of poles 3 Writh across flats SW9 Side 2 ************************************	Tightening torque	0,4 Nm
Family construction form M8 Thread M8 x 1 Suitable for corrugated tube (internal Ø) 8,5 mm Coding A Material contact Copper alloy No. of poles 3 Midth across flats SW9 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated armily 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 3 Commercial data CLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 277060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-1.1 27060311 ECLASS-1.2 27060311 ECLASS-1.2 27060311 ECLASS-1.2 27060311 ECLASS-1.2 27060311 ECLASS-1.2 27060311 ECLASS-1.2 27060311	Mounting method	inserted, screwed
Effect M8 x 1 suitable for corrugated tube (internal Ø) 8,5 mm Doding A Material contact Copper alloy No. of poles 3 Width across flats SW9 Side 2 Fightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Firread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Doding A Material contact Copper alloy No. of poles 3 CCMmercial data ECLASS-6.0 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	Coating contact	gold plated
suitable for corrugated tube (internal Ø) 8,5 mm Coding A Material contact Copper alloy No. of poles 3 Width across flats SW9 Side 2 Inghering torque 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 3 Commercial data ECLASS-6.0 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
Coding A Material contact Copper alloy No. of poles 3 Width across flats SW9 Side 2 Iightening 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 3 Commercial data ECLASS-6.0 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	Thread	M8 x 1
Material contact Copper alloy No. of poles 3 Midth across flats SW9 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 Suitlable for corrugated tube (internal Ø) 6,5 mm Coding A Material contact Copper alloy No. of poles 3 Commercial data 27279218 ECLASS-6.0 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	suitable for corrugated tube (internal Ø)	8,5 mm
No. of poles 3 Midth across flats SW9 Side 2 Fightening 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 3 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311	Coding	A
Side 2 Side 3 Side 4 Side 5 Side 6 S	Material contact	Copper alloy
Side 2 Fightening 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 3 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311	No. of poles	3
O,4 Nm	Width across flats	SW9
Inserted, screwed	Side 2	
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 3 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	Tightening torque	0,4 Nm
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Suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material contact Copper alloy No. of poles 3 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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Material contact Copper alloy No. of poles 3 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	suitable for corrugated tube (internal \emptyset)	6,5 mm
No. of poles 3 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	Coding	A
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	Material contact	Copper alloy
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	No. of poles	3
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	Commercial data	
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ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311	ECLASS-7.0	27279218
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ECLASS-12.0 27060311	ECLASS-10.1	27060311
	ECLASS-11.1	27060311
ETIM-5.0 EC001855	ECLASS-12.0	27060311
	ETIM-5.0	EC001855



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GTIN Packaging unit Electrical data Supply Operating voltage AC max. Operating voltage DC max. Operating voltage AC (UL-listed) Operating voltage DC (UL-listed) Current operating per contact max. Diagnostics Status indication LED Device protection Electrical Degree of protection (EN IEC 60529) Additional condition protection degree	4048879387750 1 50 V 60 V 30 V 30 V 4 A
Electrical data Supply Operating voltage AC max. Operating voltage DC max. Operating voltage AC (UL-listed) Operating voltage DC (UL-listed) Current operating per contact max. Diagnostics Status indication LED Device protection Electrical Degree of protection (EN IEC 60529) Additional condition protection degree	1 50 V 60 V 30 V 30 V 4 A
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Operating voltage AC max. Operating voltage DC max. Operating voltage AC (UL-listed) Operating voltage DC (UL-listed) Current operating per contact max. Diagnostics Status indication LED Device protection Electrical Degree of protection (EN IEC 60529) Additional condition protection degree	60 V 30 V 30 V 4 A
Operating voltage DC max. Operating voltage AC (UL-listed) Operating voltage DC (UL-listed) Current operating per contact max. Diagnostics Status indication LED Device protection Electrical Degree of protection (EN IEC 60529) Additional condition protection degree	60 V 30 V 30 V 4 A
Operating voltage AC (UL-listed) Operating voltage DC (UL-listed) Current operating per contact max. Diagnostics Status indication LED Device protection Electrical Degree of protection (EN IEC 60529) Additional condition protection degree	30 V 30 V 4 A
Operating voltage DC (UL-listed) Current operating per contact max. Diagnostics Status indication LED Device protection Electrical Degree of protection (EN IEC 60529) Additional condition protection degree	30 V 4 A no
Current operating per contact max. Diagnostics Status indication LED Device protection Electrical Degree of protection (EN IEC 60529) Additional condition protection degree	4 A no
Diagnostics Status indication LED Device protection Electrical Degree of protection (EN IEC 60529) Additional condition protection degree	no
Status indication LED Device protection Electrical Degree of protection (EN IEC 60529) Additional condition protection degree	
Device protection Electrical Degree of protection (EN IEC 60529) Additional condition protection degree	
Degree of protection (EN IEC 60529) Additional condition protection degree	IDOS IDOS IDOS IDOS (
Additional condition protection degree	IDAE IDAE IDAA
	IP65, IP67, IP68, IP66K
D. H. C D	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
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
Important installation notes	
•	
Note on strain relief Note on bending radius	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 endangered by excessive bending forces.
On of something	endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-114 (M8)
Installation Cable	
Cable identification	240
Cable Type	3
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece, Foil
wire arrangement	brown, black, blue
Traversing distance (C-track)	5 m @ 25 °C horizontal
Cable weigth	44 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	5 mm



Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 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)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min