

## M8 female 90° A-cod. with cable shielded

PUR 3x0.34 shielded bk UL/CSA+drag ch. 10m

Female 90° M8, 3-pole shielded

with cable sleeves

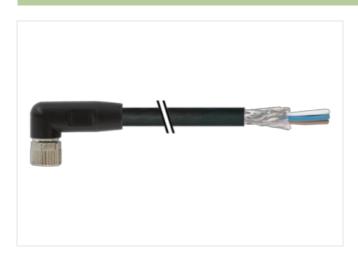
Further cable lengths on request.

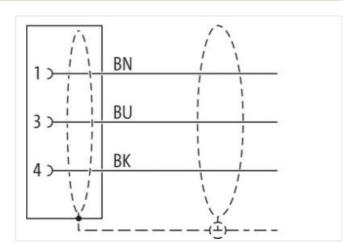
Plastic housings with good resistance against chemicals and oils.

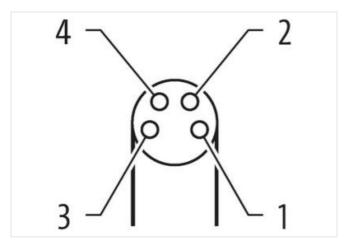
The resistance to aggressive media should be individually tested for your application. Further details on request.

## **Link to Product**

## Illustration









Product may differ from Image











Cable length

10 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: 2024-05-09



stay connected

M8 x 1	Mounting method	inserted, screwed
Mary	Family construction form	M8
Mary	Thread	M8 x 1
Width across flats         SW9           Pegree of protection (EN ICC 60529)         PPS, IP66K, IP67           Commercial data         Commercial data           ECLASS-6.0         2779218           CCLASS-7.0         2779218           CCLASS-9.0         2779218           CCLASS-9.0         2779218           CCLASS-9.0         2709311           CCLASS-10.1         2700311           CCLASS-11.2         2700311           CCLASS-12.0         2700311           CCLASS-11.1         2700311           ECLASS-12.0         2700311           ECLASS-11.1         2700311           ECLASS-11.1         2700311           ECLASS-11.1         2700311           ECLASS-12.0         2700311           ECLASS-12.1         2700311           ECLASS-10.1         448874030271           ECLASS-10.1         1           Electrical data [Suppty]         2700410           Operating voltage DC max         50 V           Operating voltage DC max         50 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Courting op a contact max         4 A           Inst	suitable for corrugated tube (internal Ø)	6,5 mm
Post	Material	PUR
Commercial data         Commercial data           CLASS-6.0         27279218           CLASS-6.1         27279218           CLASS-7.0         27279218           CLASS-8.0         27090311           CLASS-8.0.1         27060311           CLASS-10.1         27060311           CLASS-10.1         27060311           CLASS-10.2         27000311           CLASS-10.3         ECOMISES           CLASS-10.4         27000311           CLASS-10.9         ECOMISES           2000000000000000000000000000000000000	Width across flats	SW9
CLASS-6.0   27279218   CLASS-6.1   27279218   CLASS-6.1   27279218   CLASS-7.0   27279218   CLASS-8.0   27279218   CLASS-8.0   27279218   CLASS-8.0   27279218   CLASS-8.0   27260311   CLASS-8.0   27060311   CLASS-8.0   27060311   CLASS-8.1.1   27060311   CLASS-8.1.1   27060311   CLASS-8.1.1   27060311   CLASS-8.0   27	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
CLASS-6.1   27279218   CLASS-7.0   27279218   CLASS-7.0   27279218   CLASS-7.0   27279218   CLASS-9.0   27279218   CLASS-9.0   27269311   CLASS-9.0   27069311   CLASS-10.1   27069311   CLASS-11.1   27069311   CLASS-11.1   27069311   CLASS-11.0	Commercial data	
CLASS-7.0   27279218   CLASS-8.0   2779218   CLASS-8.0   2779218   CLASS-8.0   2779218   CLASS-9.0   27060311   CLASS-10.1   27060311   CLASS-10.1   27060311   CLASS-12.0   27060311   CLASS-12.0   27060311   CLASS-12.0   27060311   CLASS-12.0   CLOSS-12.0   CLOSS-13.0   CLASS-13.0   CLASS-13.0   CLASS-14.0   CLASS-12.0   CLOSS-13.0   CLASS-13.0   CLASS	ECLASS-6.0	27279218
CLASS-8.0   27279218   CLASS-9.0   27060311   CLASS-9.0   27060311   CLASS-1.0   CLASS-1.0   27060311   CLASS-1.0   CLAS	ECLASS-6.1	27279218
CLASS-9.0   27060311   CLASS-10.1   27060311   CLASS-10.1   27060311   CCLASS-11.1   27060311   CCLASS-12.0   27060311   CCLASS-12.0   27060311   CCLASS-12.0   CO01955   CCLASS-12.0   CCO01955   CCCASS-12.0   CCCO01955   CCCASS-12.0   CCCO01955   CCCASS-12.0   CCCO01955   CCCASS-12.0   CCCO01955   CCCCASS-12.0   CCCO01955   CCCCASS-12.0   CCCCCASS-12.0   CCCCASS-12.0   CCCCCASS-12.0   CCCCASS-12.0   CCCCCASS-12.0   CCCCASS-12.0   CCCCASS-12.0   CCCCCASS-12.0   CCCCASS-12.0   CCCCASS-12.0   CCCC	ECLASS-7.0	27279218
	ECLASS-8.0	27279218
ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETIM-5.0         E0001855           bustoms tariff number         85444290           STIN         4048879430371           2-kakaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating port context max.         4 A           Mounting set         M8 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 80664-1)         I           Mechanical data   Material data         Inc. die-casting           Valarial glocking         Nickeled           Cacting of fitting         nickel plated           Locking material         Zinc die-casting           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Mounting method         inserted, screwed, Shaking protection	ECLASS-9.0	27060311
ETIM-5 0   ECO01855	ECLASS-10.1	27060311
ETIM-5.0 EC001855  usistoms farilf number 85444290  3TTN 4048878430371  Packaging unit 1  Electrical data   Suppty  Deperating voltage AC max. 50 V Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 40	ECLASS-11.1	27060311
Sections tariff number   Sections tariff number   Sections tariff number   Add879430371	ECLASS-12.0	27060311
Arrin 4048879430371 Packaign unit 1 Electrical data   Supply Deprating voltage AC max. 50 V Deprating voltage AC (UL-listed) 30 V Deprating voltage AC (UL-listed) 30 V Deprating voltage AC (UL-listed) 30 V Deprating voltage DC (UL-listed) 30 V Deprating voltage AC (UL-listed) 30 V Deprating temperature min. 25 °C Deprating temperature max. 35 °C Deprating temperature range depending on cable quality Deprating timportant installation notes  Contormity  Product standard DIN EN 61076-2-114 (MB)	ETIM-5.0	EC001855
Packaging unit 1  Electrical data   Supply  Denating voltage AC max. 50 V  Denating voltage AC (UL-listed) 30 V  Denating per contact max. 4 A  Max 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Palade surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Protecting locking Active Acti	customs tariff number	85444290
Electrical data   Supply  Deparating voltage AC max. 50 V  Deparating voltage DC max. 60 V  Deparating voltage DC (UL-listed) 30 V  Deparating per contact max. 4 A  Installation   Connection  Wounting set Max 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Raled surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Deparating toking Nickeled  Coating locking Nickeled  Coating of fitting nickel plated  Coating of fitting nickel plated  Coating of fitting nickel plated  Mounting material Zinc die-casting  Mechanical data   Mounting data  Wounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Deparating temperature min. 25 °C  Deparating 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 lies.  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)	GTIN	4048879430371
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Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A  Installation   Connection  Wounting set M8 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) 1  Mechanical data   Material data  Coating locking Nickeled  Coating locking Nickeled  Coating locking Nickeled  Coating locking Nickeled  Methanical data   Muterial data  Coating locking Nickeled  Additional screw connection  Ale Coating locking Nickeled  Coating locking Nickeled  Coating locking Nickeled  Coating locking Nickeled  Ale Coating locking Nickeled  Coating locking Nickeled  Coating locking Nickeled  Coating locking Nickeled  Ale Coating locking Nickeled  Ale Coating locking Nickeled  Ale Coating locking Nickeled  Coating locking  Inserted screwed  Coating locking  Coating locking  Coating locking  Coating locking  Coating locking  Inserte	Operating voltage DC max.	60 V
Current operating per contact max.  Installation   Connection  Mounting set M8 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Additional condition protection degree inserted, screwed  Pollution Degree 3  Alterd surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating locking Nickeled  Coating locking naterial Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Vote 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 endangered by excessive bending forces.  Contormity  Product standard DIN EN 61076-2-114 (M8)	Operating voltage AC (UL-listed)	30 V
Mounting set M8 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 6064-1) 1  Mechanical data   Material data  Coating locking Nickeled  Coating locking nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Degrating temperature min. 25 °C  Degrating 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 DIN EN 61076-2-114 (M8)	Operating voltage DC (UL-listed)	30 V
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Coating locking Nickeled Coating of fitting nickel plated Coating of fitting nickel plated Cocking material Zinc die-casting Material screw connection Zinc die-casting  Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °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 endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-114 (M8)	Material group (IEC 60664-1)	
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Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.  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 endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-114 (M8)	Material screw connection	
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Product standard DIN EN 61076-2-114 (M8)	Conformity	
		DIN FN 61076-2-114 (M8)
mataniation   Japic		BIR ER GTOTO Z TIT (MO)
	installation   Cable	

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: 2024-05-09



## stay connected

Cable identification	640
Cable Type	3
Jacket Color	black
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 mm <sup>2</sup>
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
UV resistance	DIN EN ISO 4892-2 A
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	Good, application-related testing   DIN EN 60811-404
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