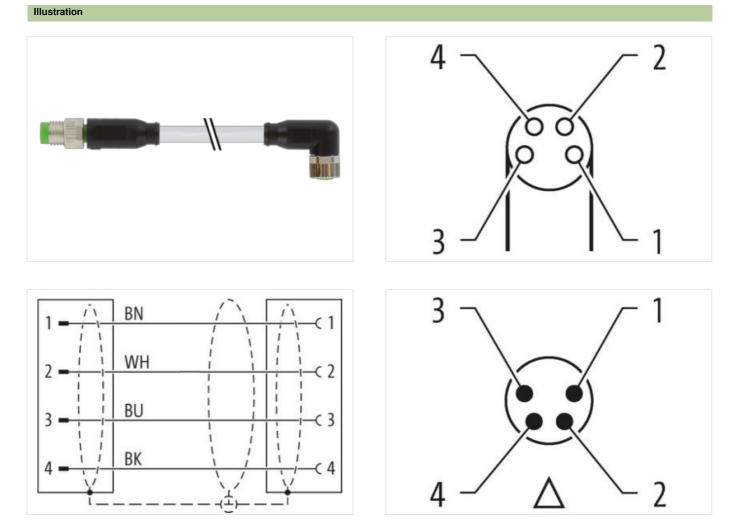


M8 male 0° / M8 female 90° A-cod. shielded

PUR 4x0.34 shielded gy UL/CSA+drag ch. 5.5m

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



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Product may differ from Image



Side 1 Tightening torque 0.4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M6 x 1 suitable for corrugated tube (internal 00) 8,5 mm Coding A Material contact Copper alloy No. of poles 4 Width across flats SV9 Side 2	Cable length	5,5 m
Nounting methodinserted, screwedCoaling constactgold platedFamily construction formM8ThreadM8 × 1suitable for corrugated tube (internal Ø)8,5 mmCodingAMaterial contactCopper alloyNo. of poles4Width across flatsSW9Side 2	Side 1	
Coating contact gold plated Family construction form M8 Thread M8 × 1 Suitable for corrugated tube (internal Ø) 8,5 mm Coding A Material contact Copper alloy No. of poles 4 Width 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 4 Width across flats SW9 Side 2	Mounting method	inserted, screwed
Thread M8 x 1 suitable for corrugated tube (internal Ø) 8,5 mm Coding A Material contact Copper alloy No. of poles 4 Width across flats SW9 Side 2	Coating contact	gold plated
suitable for corrugated tube (internal Ø)8,5 mmCodingAMaterial contactCopper alloyNo. of poles4Width across flatsSW9Side 2	Family construction form	M8
CodingAMaterial contactCopper alloyNo. of poles4Width across flatsSW9Side 2	Thread	M8 x 1
Material contactCopper alloyNo. of poles4Width across flatsSW9Side 2Tightening torque10.4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8 × 1suitable for corrugated tube (internal Ø)6.5 mmCodingAMaterial contactCopper alloyNo. of poles4Commercial dataECLASS-6.027279218ECLASS-6.127279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-11.127060311ECLASS-12.027060311	suitable for corrugated tube (internal \emptyset)	8,5 mm
No. of poles4Width across flatsSW9Side 2Tightening torque0.4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6.5 mmCodingAMaterial contactCopper alloyNo. of poles4Commercial dataECLASS-6.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027260311ECLASS-11.127060311ECLASS-12.027060311	Coding	A
Width across flatsSW9Side 2Tightening torque0.4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6.5 mmCodingAMaterial contactCopper alloyNo. of poles4Cotanse27279218ECLASS-6.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-9.027060311ECLASS-10.127060311ECLASS-11.127060311ECLASS-12.027060311	Material contact	Copper alloy
Side 2Tightening torque0,4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 × 1suitable for corrugated tube (internal Ø)6,5 mmCodingAMaterial contactCopper alloyNo. of poles4Commercial dataECLASS-6.027279218ECLASS-6.127279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-1.127060311ECLASS-1.127060311ECLASS-1.127060311	No. of poles	4
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 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 272060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2 27060311	Width across flats	SW9
Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 × 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material contact Copper alloy No. of poles 4 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-1.1.1 27060311 ECLASS-12.0 27060311	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 4 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311	Tightening torque	0,4 Nm
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 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.1 27279218 ECLASS-8.0 27260311 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311	Mounting method	inserted, screwed
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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 27279218 ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27260311 ECLASS-10.1 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 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	Thread	M8 x 1
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-8.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311		6,5 mm
No. of poles 4 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311	Coding	
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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-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311	ECLASS-6.1	27279218
ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311	ECLASS-7.0	27279218
ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311	ECLASS-8.0	27279218
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ECLASS-12.0 27060311		27060311
	ECLASS-11.1	27060311
ETIM-5.0 EC001855	ECLASS-12.0	27060311
	ETIM-5.0	EC001855

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customs tariff number	85444290
STIN	4048879757379
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Dperating voltage AC (UL-listed)	30 V
Dperating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Diagnostics	
tatus 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 Material group (IEC 60664-1)	1,5 kV
Mechanical data Material data	
Coating locking	Nickeled
Naterial gasket	FKM
Naterial housing	PUR
ocking material	Zinc die-casting
Mechanical data Mounting data	
founting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C 85 °C
Operating temperature max.	
Additional condition temperature range	depending on cable quality
Important installation notes	
lote 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	
Cable identification	241
	3
Cable Type acket Color	
	gray cURus
ype of Certificate	CURUS
mount stranding	
Stranding	4 wires twisted
Cable shielding (type)	copper braid, tinned 80 %
Cable shielding (coverage)	80 % Fleece, Foil
Banding	
vire arrangement	brown, black, blue, white
raversing distance (C-track)	5 m @ 25 °C horizontal
Cable weigth	50,6 g/m
Naterial jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Duter-diameter (jacket)	5,3 mm

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Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
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 ²
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	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)	-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	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	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

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