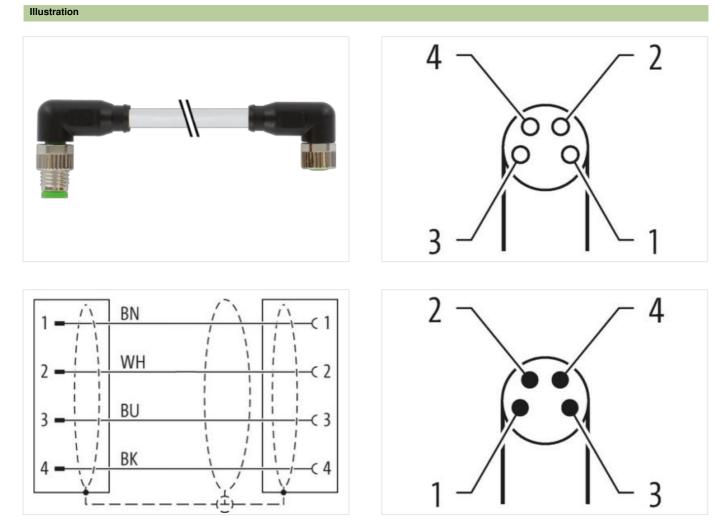


M8 male 90° / M8 female 90° A-cod. shielded

PUR 4x0.34 shielded gy UL/CSA+drag ch. 0.3m

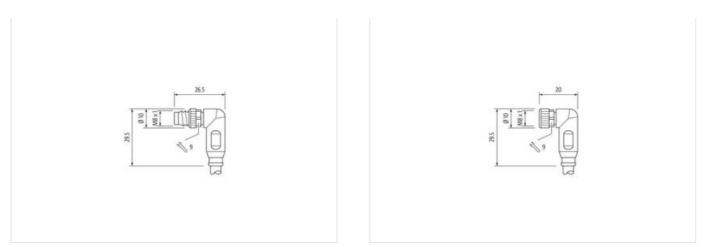
Male 90° – female 90° M8 – M8, 4-pole shielded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product



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Product may differ from Image



Side 1 Tightening torque 0.4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 × 1 suitable for corrugated tube (internal 0) 6.5 mm Gender male Cable outlet angled Coding A No. of poles 4 Width across flats SW9 Side 2	Cable length	0,3 m
Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6.5 mm Gender male Cable outlet angled Coding A No. of poles 4 Width across flats SW9 Side 2	Side 1	
Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Gender male Cable outlet angled Coding A No. of poles 4 Width across flats SW9 Side 2	Tightening torque	0,4 Nm
Thread M8 x 1 suitable for corugated tube (internal Ø) 6,5 mm Gender male Cable outlet angled Coding A No. of poles 4 Width across flats SW9 Side 2	Mounting method	inserted, screwed
suitable for corrugated tube (internal Ø) 6.5 mm Gender male Cable outlet angled Coding A No. of poles 4 Width across flats SW9 Side 2	Family construction form	M8
Gender male Cable outlet angled Coding A No. of poles 4 Width across flats SW9 Side 2	Thread	M8 x 1
Cable outlet angled Coding A No. of poles 4 Width across flats SW9 Side 2	suitable for corrugated tube (internal \emptyset)	6,5 mm
Coding A No. of poles 4 Width across flats SW9 Side 2	Gender	male
No. of poles 4 Width across flats SW9 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 Gender female suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet angled Coding A No. of poles 4 Width across flats SW9 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-8.0 27060311 ECLASS-11.1 27060311 ECLASS-11.1 27060311	Cable outlet	angled
Width across flats SW9 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 Gender female suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet angled Coding A No. of poles 4 Width across flats SW9 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311	Coding	A
Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 Gender female suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet angled Coding A No. of poles 4 Width across flats SW9 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 272060311 ECLASS-1.1 27060311	No. of poles	4
Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 Gender female suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet angled Coding A No. of poles 4 Width across flats SW9 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-7.0 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	Width across flats	SW9
Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 Gender female suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet angled Coding A No. of poles 4 Width across flats SW9 Commercial data Z7279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27260311 ECLASS-10.1 27060311 ECLASS-11.1 27060311	Side 2	
Family construction form M8 Thread M8 x 1 Gender female suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet angled Coding A No. of poles 4 Width across flats SW9 Commercial data Zin	Tightening torque	0,4 Nm
Thread M8 x 1 Gender female suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet angled Coding A No. of poles 4 Width across flats SW9 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-8.0 27260311 ECLASS-10.1 27060311 ECLASS-10.1 27060311	Mounting method	inserted, screwed
Gender female suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet angled Coding A No. of poles 4 Width across flats SW9 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	Family construction form	M8
suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet angled Coding A No. of poles 4 Width across flats SW9 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	Thread	M8 x 1
Cable outlet angled Coding A No. of poles 4 Width across flats SW9 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	Gender	female
Coding A No. of poles 4 Width across flats SW9 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	suitable for corrugated tube (internal \emptyset)	6,5 mm
No. of poles 4 Width across flats SW9 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	Cable outlet	angled
Width across flats SW9 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 27060311 ECLASS-11.1 27060311 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	No. of poles	4
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	Width across flats	SW9
ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311	Commercial data	
ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311	ECLASS-6.0	27279218
ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311	ECLASS-6.1	27279218
ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311	ECLASS-7.0	27279218
ECLASS-10.1 27060311 ECLASS-11.1 27060311	ECLASS-8.0	27279218
ECLASS-10.1 ECLASS-11.1 27060311	ECLASS-9.0	27060311
	ECLASS-10.1	27060311
ECLASS-12.0 27060311	ECLASS-11.1	27060311
	ECLASS-12.0	27060311

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ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879409841
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	30 V
Operating voltage DC max.	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
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	· · · · · · · · · · · · · · · · · · ·
Mechanical data Material data	
Coating locking	Nickeled
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	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
Note on bending radius	endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-104 (M8)
Installation Cable	
wire arrangement	brown, black, blue, white
Cable identification	241
Cable Type	3
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	50,6 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) Tolerance outer diameter (sheath)	5,3 mm
Material wire insulation	±5% PP
waterial wite insulation	

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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
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min

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