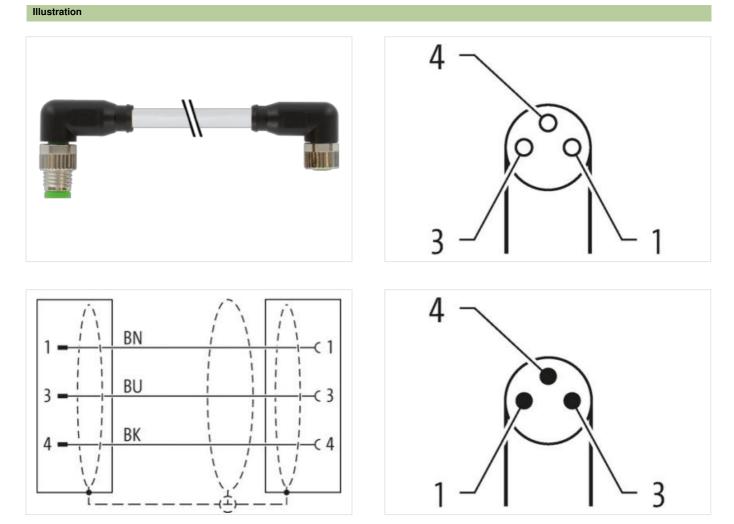


## M8 male 90° / M8 female 90° A-cod. shielded

PUR 3x0.34 shielded gy UL/CSA+drag ch. 0.3m

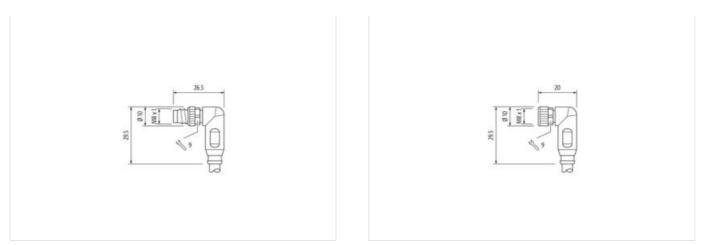
Male 90° – female 90° M8 – M8, 3-pole shielded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product



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Product may differ from Image



Side 1           Tightening torque         0.4 Nm           Thread         M8 x 1           Degree of protection (EN IEC 60528)         IP67           Side 2         Tightening torque         0.4 Nm           Thread         M8 x 1         Commercial data           Commercial data         Z7279218         ECLASS-6.1         27279218           ECLASS-6.1         27279218         ECLASS-7.0         27279218           ECLASS-7.0         27279218         ECLASS-8.0         27279218           ECLASS-8.0         27279218         ECLASS-8.0         27279218           ECLASS-8.0.1         27060311         ECLASS-8.0.1         27060311           ECLASS-10.1         27060311         ECLASS-10.1         ECMASO         ECMINESO           Operating voltage AC max.         50 V         COMINESO         ECMINE	Cable length	0,3 m
Thread         M8 x 1           Degree of protection (EN IEC 60529)         IP67           Side 2         Ifghtening torque         0.4 Nm           Thread         M8 x 1           Commercial data         ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         404867388238           Packaging unit         1           Electrical data   Supply         0           Operating voltage AC max.         50 V           Operating voltage AC max.         50 V           Operating voltage AC max.         60 V           Current operating per contact max.         4 A           Device protection   Electrical         Device protectio	Side 1	
Degree of protection (EN IEC 60529)         IP67           Side 2         Tightening torque         0.4 Nm           Thread         M8 x 1         Commercial data           ECLASS 6.0         27279218         ECLASS 6.1         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 9.0         27060311         ECLASS 9.0         27060311           ECLASS 10.1         27060311         ECLASS 9.0         27060311           ECLASS 11.1         27060311         ECLASS 9.0         Commber           GTIN         4048679388238         GTIN         4048679388238           Packaging unit         1         E         E           Electrical data   Supply         Operating voltage AC max.         50 V         Operating voltage DC max.         60 V           Current operating per contact max.         4 A         Degree of protection   Electrical         E           Degree of protection   GIO 20653:2013)         IP66K         Additional condition protection degree         inserted, screwed           Rated surge voltage         1,5 kV         E	Tightening torque	0,4 Nm
Side 2           Tightening torque         0.4 Nm           Thread         M8 x 1           Commercial data         ECLASS-6.0           ECLASS-6.0         27279218           ECLASS-6.1         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           ECLASS-1.1         27060311           ECLASS-1.2.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879388238           Packaging unit         1           Electrical data   Supply         Operating voltage AC max.           Operating voltage DC max.         60 V           Current operating per contact max.         4 A           Device protection   Electrical         Degree of protection (ISO 20653:2013)           Degree of protection (ISO 20653:2013)         IP66K           Additional condition protection degree         inserted, screwed           Rated surge voltage         1,5 kV	Thread	M8 x 1
Tightening torque       0.4 Nm         Thread       M8 x 1         Commercial data       ECLASS-6.0         ECLASS-6.0       27279218         ECLASS-6.1       27279218         ECLASS-7.0       27279218         ECLASS-6.0       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         Customs tariff number       8544290         GTIN       4048879388238         Packaging unit       1         Electrical data   Supply       0         Operating voltage AC max.       50 V         Operating voltage DC max.       60 V         Current operating per contact max.       4 A         Device protection   Electrical       Device protection (ISO 20653:2013) <td>Degree of protection (EN IEC 60529)</td> <td>IP67</td>	Degree of protection (EN IEC 60529)	IP67
Thread         M8 x 1           Commercial data         ECLASS-6.0         27279218           ECLASS-6.1         27279218         ECLASS-7.0         27279218           ECLASS-7.0         27279218         ECLASS-7.0         27279218           ECLASS-8.0         27279218         ECLASS-9.0         27060311           ECLASS-9.0         27060311         ECLASS-10.1         27060311           ECLASS-10.1         27060311         ECLASS-11.1         27060311           ECLASS-12.0         27060311         ECLASS-12.0         27060311           ETIM-5.0         ECO01855         Ecostast aniff number         85444290           GTIN         404879388238         Packaging unit         1           Electrical data   Supply         Operating voltage AC max.         50 V         Operating voltage AC max.         60 V           Current operating per contact max.         4 A         Device protection   Electrical         Degree of protection   Electrical         Electrical data   Mounting data           Mechanical data   Mounting data         1,5 kV         Mechanical data   Mounting data         Electical data   Mounting data	Side 2	
Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         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           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879388238           Packaging unit         1           Electrical data   Supply         Operating voltage AC max.           Operating voltage AC max.         50 V           Operating voltage DC max.         60 V           Current operating per contact max.         4 A           Degree of protection   Electrical         Electrical           Degree of protection (ISO 20653:2013)         IP66K           Additional condition protection degree         inserted, screwed           Rated surge voltage         1,5 kV           Mechanical data   Mounting data         1,5 kV	Tightening torque	0,4 Nm
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         ECLASS-12.0       27060311         ECLASS-13.1       27060311         ECLASS-14.0       27060311         ECLASS-15.0       EC01855         customs tariff number       85444290         GTIN       4048879388238         Packaging unit       1         Electrical data   Supply         Operating voltage AC max.       50 V         Operating voltage AC max.       50 V         Operating voltage DC max.       60 V         Current operating per contact max.       4 A         Device protection   Electrical       Electrical         Degree of protection (ISO 20653:2013)       IP66K         Additional condition protection degree       inserted, screwed         Rated surge voltage       1, 5 kV         Mechanical data   Mounting data       1, 5 kV	Thread	M8 x 1
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           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETIM-5.0         ECC01855           customs tariff number         85444290           GTIN         4048879388238           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage DC max.         60 V           Current operating per contact max.         4 A           Device protection   Electrical         Electrical data   Supply           Degree of protection (ISO 20653:2013)         IP66K           Additional condition protection degree         inserted, screwed           Rated surge voltage         1,5 kV           Mechanical data   Mounting data         Electrical	Commercial data	
ECLASS-7.0         27279218           ECLASS-8.0         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           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879388238           Packaging unit         1           Electrical data   Supply         0           Operating voltage AC max.         50 V           Operating voltage DC max.         60 V           Current operating per contact max.         4 A           Device protection   Electrical         1           Degree of protection (ISO 20653:2013)         IP66K           Additional condition protection degree         inserted, screwed           Rated surge voltage         1,5 kV           Mechanical data   Mounting data	ECLASS-6.0	27279218
ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879388238           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage DC max.         60 V           Current operating per contact max.         4 A           Device protection   Electrical           Degree of protection degree         inserted, screwed           Rated surge voltage         1,5 kV           Mechanical data   Mounting data         1	ECLASS-6.1	27279218
ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879388238           Packaging unit         1           Electrical data   Supply         Operating voltage AC max.           Operating voltage DC max.         60 V           Current operating per contact max.         4 A           Device protection   Electrical         Degree of protection (ISO 20653:2013)           Degree of protection nordition protection degree         inserted, screwed           Rated surge voltage         1,5 kV	ECLASS-7.0	27279218
ECLASS-10.1       27060311         ECLASS-11.1       27060311         ECLASS-12.0       27060311         ETIM-5.0       EC001855         customs tariff number       85444290         GTIN       4048879388238         Packaging unit       1         Electrical data   Supply       0         Operating voltage AC max.       50 V         Operating voltage DC max.       60 V         Current operating per contact max.       4 A         Degree of protection   Electrical       1P66K         Additional condition protection degree       inserted, screwed         Rated surge voltage       1,5 kV	ECLASS-8.0	27279218
ECLASS-11.1       27060311         ECLASS-12.0       27060311         ETIM-5.0       EC001855         customs tariff number       85444290         GTIN       4048879388238         Packaging unit       1         Electrical data   Supply       0         Operating voltage AC max.       50 V         Operating voltage DC max.       60 V         Current operating per contact max.       4 A         Device protection   Electrical       1966K         Additional condition protection degree       inserted, screwed         Rated surge voltage       1,5 kV	ECLASS-9.0	27060311
ECLASS-12.027060311ETIM-5.0EC001855customs tariff number85444290GTIN4048879388238Packaging unit1Electrical data   SupplyOperating voltage AC max.50 VOperating voltage DC max.60 VCurrent operating per contact max.4 ADevice protection   ElectricalDegree of protection (ISO 20653:2013)IP66KAdditional condition protection degreeinserted, screwedRated surge voltage1,5 kVMechanical data   Mounting data	ECLASS-10.1	27060311
ETIM-5.0EC001855customs tariff number85444290GTIN4048879388238Packaging unit1Electrical data   SupplyOperating voltage AC max.50 VOperating voltage DC max.60 VCurrent operating per contact max.4 ADevice protection   ElectricalDegree of protection (ISO 20653:2013)IP66KAdditional condition protection degreeinserted, screwedRated surge voltage1,5 kVMechanical data   Mounting data	ECLASS-11.1	27060311
customs tariff number       85444290         GTIN       4048879388238         Packaging unit       1         Electrical data   Supply       0         Operating voltage AC max.       50 V         Operating voltage DC max.       60 V         Current operating per contact max.       4 A         Device protection   Electrical         Degree of protection (ISO 20653:2013)       IP66K         Additional condition protection degree       inserted, screwed         Rated surge voltage       1,5 kV	ECLASS-12.0	27060311
GTIN4048879388238Packaging unit1Electrical data   SupplyOperating voltage AC max.50 VOperating voltage DC max.60 VCurrent operating per contact max.4 ADevice protection   ElectricalDegree of protection (ISO 20653:2013)IP66KAdditional condition protection degreeinserted, screwedRated surge voltage1,5 kVMechanical data   Mounting data	ETIM-5.0	EC001855
Packaging unit       1         Electrical data   Supply       0         Operating voltage AC max.       50 V         Operating voltage DC max.       60 V         Current operating per contact max.       4 A         Device protection   Electrical         Degree of protection (ISO 20653:2013)       IP66K         Additional condition protection degree       inserted, screwed         Rated surge voltage       1,5 kV	customs tariff number	85444290
Electrical data   SupplyOperating voltage AC max.50 VOperating voltage DC max.60 VCurrent operating per contact max.4 ADevice protection   ElectricalDegree of protection (ISO 20653:2013)IP66KAdditional condition protection degreeinserted, screwedRated surge voltage1,5 kVMechanical data   Mounting data	GTIN	4048879388238
Operating voltage AC max.       50 V         Operating voltage DC max.       60 V         Current operating per contact max.       4 A         Device protection   Electrical       Electrical         Degree of protection (ISO 20653:2013)       IP66K         Additional condition protection degree       inserted, screwed         Rated surge voltage       1,5 kV         Mechanical data   Mounting data       Image: Screwed	Packaging unit	1
Operating voltage DC max.     60 V       Current operating per contact max.     4 A       Device protection   Electrical       Degree of protection (ISO 20653:2013)     IP66K       Additional condition protection degree     inserted, screwed       Rated surge voltage     1,5 kV       Mechanical data   Mounting data	Electrical data   Supply	
Current operating per contact max.       4 A         Device protection   Electrical         Degree of protection (ISO 20653:2013)       IP66K         Additional condition protection degree       inserted, screwed         Rated surge voltage       1,5 kV         Mechanical data   Mounting data       Image: Content of the surge voltage	Operating voltage AC max.	50 V
Device protection   Electrical         Degree of protection (ISO 20653:2013)       IP66K         Additional condition protection degree       inserted, screwed         Rated surge voltage       1,5 kV         Mechanical data   Mounting data       Image: Screwed	Operating voltage DC max.	60 V
Degree of protection (ISO 20653:2013)       IP66K         Additional condition protection degree       inserted, screwed         Rated surge voltage       1,5 kV         Mechanical data   Mounting data       Image: Construction of the second	Current operating per contact max.	4 A
Additional condition protection degree       inserted, screwed         Rated surge voltage       1,5 kV         Mechanical data   Mounting data       Image: Constraint of the streme stre	Device protection   Electrical	
Rated surge voltage     1,5 kV       Mechanical data   Mounting data	Degree of protection (ISO 20653:2013)	IP66K
Mechanical data   Mounting data	Additional condition protection degree	inserted, screwed
	Rated surge voltage	1,5 kV
Mounting method inserted, screwed, Shaking protection	Mechanical data   Mounting data	
	Mounting method	inserted, screwed, Shaking protection

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Environmental characteristics   Climatic	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.				
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					
Conductor crosssection (wire)	0.34 mm <sup>2</sup>				
. ,	Stranded copper wire, bare				
Material conductor wire					
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				

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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	