

## M8 male 0° / M8 female 0° A-cod.

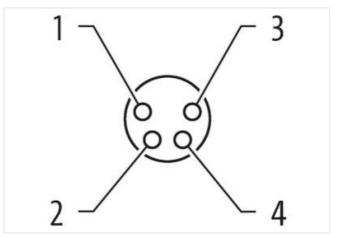
PUR 4x0.25 gy UL/CSA+robot+drag ch. 4m

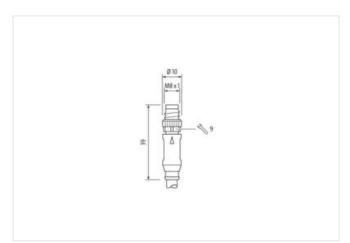
Male straight – female straight Zinc die casting, save-cover coated M8 – M8, 4-pole Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product





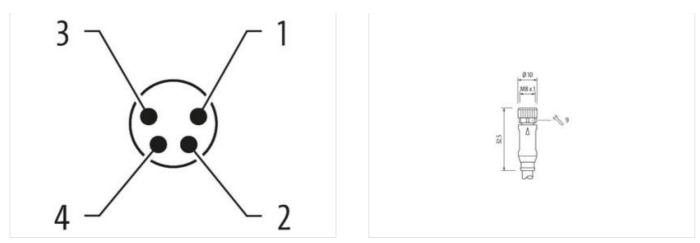






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Product may differ from Image



Sile 1           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 0)         6.5 mm           Material contact         Copper alloy           No. of poles         4           Width across flats         SW9           Side 2		
Tightening torque0.4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 × 1suitable for corrugated tube (internal 0)6,5 mmMaterial contactCopper alloyNo. of poles4Witch arcoss flatsSW9Side 2Tightening methodinserted, screwedCoating contactgold platedCoating contactgold platedFamily construction formM8Material contactgold platedSide 2Tightening methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 × 1Material contactCopper alloyNo. of poles4Commercial data2729218ECLASS-6.027279218ECLASS-7.027279218ECLASS-10.127060311ECLASS-11.127060311ECLASS-12.027060311ECLASS-12.027060311ECLASS-12.08544220Customs tariff number8544220ETIN-5.08544220ETIN404879647822Packaging unit1	Cable length	4 m
Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 × 1           suitable for corrugated tube (internal Ø)         6,5 mm           Material contact         Copper alloy           No. of poles         4           Width across flats         SW9           Side 2	Side 1	
Coating contact         gold plated           Family construction form         M8           Thread         M8 × 1           uitable for corrugated tube (internal Ø)         6,5 mm           Material contact         Copper alloy           No. of poles         4           Width across flats         SW9           Side 2         Side 2           Unitation form         M8 × 1           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8 × 1           Material contact         Copper alloy           No. of poles         4           Coating contact         gold plated           Family construction form         M8           Material contact         Copper alloy           No. of poles         4           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-8.0         27279218           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0 </td <td>Tightening torque</td> <td>0,4 Nm</td>	Tightening torque	0,4 Nm
Family construction form         M8           Thread         M8 x 1           Suitable for corrugated tube (internal Ø)         6,5 mm           Material contact         Copper alloy           No. of poles         4           Width across flats         SW9           Side 2            Tightening torque         0,4 Nm           Mountig method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           Material contact         Copper alloy           No. of poles         4           Conternot form         M8           Thread         M8 x 1           Material contact         Copper alloy           No. of poles         4           Commercial data         Z7279218           ECLASS-7.0         Z7279218           ECLASS-7.0         Z7279218           ECLASS-10.1         Z7060311           ECLASS-11.1         Z7060311           ECLASS-12.0         Z7060311           ETIM-5.0         EC001855           customs tariff number         S644290           GTIN         4048879647922  <	Mounting method	inserted, screwed
Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6,5 mm           Material contact         Copper alloy           No. of poles         4           Width across flats         SW9           Side 2	Coating contact	gold plated
suitable for corrugated tube (internal Ø)         6.5 mm           Material contact         Copper alloy           No. of poles         4           Width across flats         SW9           Side 2            Tightening torque         0,4 Nm           Mounting method         inserted, screwed           Cotaing contact         gold plated           Family construction form         M8           Thread         M8 x 1           Material contact         Copper alloy           Ko. of poles         4           Contact         Copper alloy           No. of poles         4           Connectial dat         Copper alloy           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           ETIM-5.0         ECON1855           customs tarlff number         8544290           GTIN         4048679647922           Packaging unit         1	Family construction form	M8
Material contact         Copper alloy           No. of poles         4           Width across flats         SW9           Side 2	Thread	M8 x 1
No. of poles         4           Width across flats         SW9           Side 2	suitable for corrugated tube (internal $\emptyset$ )	6,5 mm
Width across flats         SW9           Side 2         Ightening torque         0,4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           Material contact         Copper alloy           No. of poles         4           Commercial data         27279218           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           ECLASS-11.1         27060311           ECLASS-12.0         27060311	Material contact	Copper alloy
Side 2Tightening torque0,4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 × 1Material contactCopper alloyNo. of poles4Commercial dataECLASS-6.027279218ECLASS-7.027279218ECLASS-9.027279218ECLASS-9.027060311ECLASS-10.127060311ECLASS-11.127060311ECLASS-12.027060311ETIM-5.0ECOU1855coustoms tariiff number85444290GTIN4048879647922Packaging unit1	No. of poles	4
Tightening torque         0,4 Nm           Mounting method         inserted, screwed           Cating contact         gold plated           Family construction form         M8           Thread         M8 x 1           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-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         ECOU1855           customs tariff number         85444290           GTIN         4048879647922           Packaging unit         1	Width across flats	SW9
Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           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-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECIASS-12.0         27060311           ECIASS-12.0         27060311           ECIASS-12.0         27060311           ECIASS-12.0         27060311           ECIASS-12.0         27060311           ETIM-5.0         ECO01855           customs tariff number         85444290	Side 2	
Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           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-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         404879647922           Packaging unit         1	Tightening torque	0,4 Nm
Family construction form         M8           Thread         M8 x 1           Material contact         Copper alloy           No. of poles         4           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879647922           Packaging unit         1	Mounting method	inserted, screwed
Thread         M8 x 1           Material contact         Copper alloy           No. of poles         4           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         272060311           ECLASS-9.0         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879647922           Packaging unit         1	Coating contact	gold plated
Material contact         Copper alloy           No. of poles         4           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879647922           Packaging unit         1	Family construction form	M8
No. of poles         4           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           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         8544290           GTIN         4048879647922           Packaging unit         1	Thread	M8 x 1
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           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879647922           Packaging unit         1	Material contact	Copper alloy
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           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879647922           Packaging unit         1	No. of poles	4
ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-9.0       27060311         ECLASS-10.1       27060311         ECLASS-11.1       27060311         ECLASS-12.0       27060311         ETIM-5.0       EC001855         customs tariff number       85444290         GTIN       4048879647922         Packaging unit       1	Commercial data	
ECLASS-8.0       27279218         ECLASS-9.0       27060311         ECLASS-10.1       27060311         ECLASS-11.1       27060311         ECLASS-12.0       27060311         ETIM-5.0       EC001855         customs tariff number       8544290         GTIN       4048879647922         Packaging unit       1	ECLASS-6.0	27279218
ECLASS-9.0       27060311         ECLASS-10.1       27060311         ECLASS-11.1       27060311         ECLASS-12.0       27060311         ETIM-5.0       EC001855         customs tariff number       85444290         GTIN       4048879647922         Packaging unit       1	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       4048879647922         Packaging unit       1	ECLASS-8.0	27279218
ECLASS-11.1       27060311         ECLASS-12.0       27060311         ETIM-5.0       EC001855         customs tariff number       85444290         GTIN       4048879647922         Packaging unit       1	ECLASS-9.0	27060311
ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879647922           Packaging unit         1	ECLASS-10.1	27060311
ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879647922           Packaging unit         1	ECLASS-11.1	27060311
customs tariff number         85444290           GTIN         4048879647922           Packaging unit         1	ECLASS-12.0	27060311
GTIN         4048879647922           Packaging unit         1	ETIM-5.0	EC001855
Packaging unit 1	customs tariff number	85444290
	GTIN	4048879647922
Electrical data   Supply	Packaging unit	1
	Electrical data   Supply	

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Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Device protection   Electrical	
Degree of protection (EN IEC 60529)	
Additional condition protection degree	IP65, IP67, IP68, IP66K inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	
Mechanical data   Material data	
·	
Coating locking	safe-cover coated
Material gasket Material housing	FKM 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.
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	251
Cable Type	5
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Cable weigth	31,9 g/m
Material jacket	PUR
Shore hardness jacket	58 ± 3 Shore D
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,7 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation Shore hardness wire insulation	± 5 % 74 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
	ואסט איסט, אסטוווטוו וויטט, שר ש איסט, אטטעפוריוופט, אווטטווטיוופט

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Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 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	3,6 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 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)	10 Mio. @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min

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