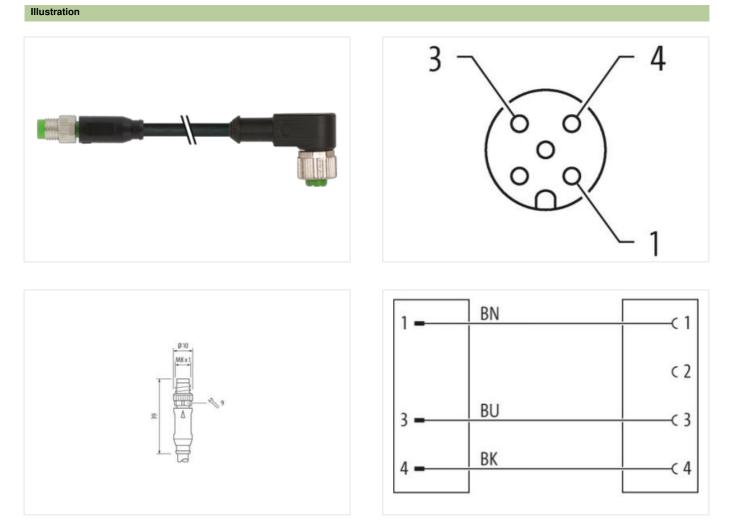


## M8 male 0° / M12 female 90° A-cod.

PUR 3x0.25 bk UL/CSA+drag ch. 3.5m

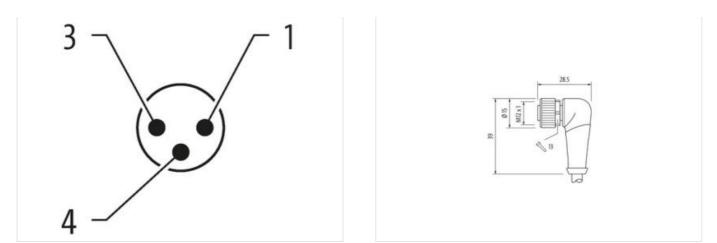
Male straight – female 90° M8 – M12, 3-pole M12, A-coded Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product



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Product may differ from Image



Cable length3,5 mSide 1Tightening torque0,4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmCodingAMaterial contactCopper alloyNo. of poles3Side 2Italie for corrugated tube (internal Ø)Tightening torque0,6 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM12Tightening torque0,6 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM12 x 1suitable for corrugated tube (internal Ø)10 mmCodingAMaterial contactCopper alloyNo. of poles3Width across flatsSW13Commocial dataSW13Contact27279218ECLASS-6.127279218ECLASS-6.027279218ECLASS-6.027279218ECLASS-6.027260311ECLASS-10.127060311ECLASS-10.127060311ECLASS-11.12060311		
Tightening torque0.4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmCodingAMaterial contactCopper alloyNo. of poles3Width across flatsSW9Side 2	Cable length	3,5 m
Mounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6.5 mmCodingAMaterial contactCopper alloyNo. of poles3Side 2Tightening torque0.6 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM12Tightening torque0.6 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCodingAMaterial contactCopper alloyNo. of poles3Width across flatsSW13Commercial data27279218ECLASS-0.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-7.027260311ECLASS-7.0.127060311 <td>Side 1</td> <td></td>	Side 1	
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   3     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)   6,5 mm     Coding   A     Material contact   Copper alloy     No. of poles   3     Width across flats   SW9     Side 2	Mounting method	inserted, screwed
Thread   M8 x 1     suitable for corrugated tube (internal Ø)   6,5 mm     Coding   A     Material contact   Copper alloy     No. of poles   3     Width across flats   SW9     Side 2	Coating contact	gold plated
suitable for corrugated tube (internal Ø)6.5 mmCodingAMaterial contactCopper alloyNo. of poles3Width across flatsSW9Side 2Tightening torque0.6 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCodingAMaterial contactCopper alloyNo. of poles3Width across flatsSW13Commercial dataSUY3ECLASS-6.027279218ECLASS-6.127279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027260311ECLASS-10.127060311	Family construction form	M8
CodingAMaterial contactCopper alloyNo. of poles3Width across flatsSW9Side 2Tightening torque0.6 Nminserted, screwedCoating contactgold platedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCodingAMaterial contactCopper alloyNo. of poles3Width across flatsSW13Commercial data27279218ECLASS-6.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027260311ECLASS-10.127060311ECLASS-10.127060311	Thread	M8 x 1
Material contactCopper alloyNo. of poles3Width across flatsSW9Side 2Tightening torque0,6 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCodingAMaterial contactCopper alloyNo. of poles3Width across flatsSW13Commercial data27279218ECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027260311ECLASS-10.127060311	suitable for corrugated tube (internal $\emptyset$ )	6,5 mm
No. of poles3Width across flatsSW9Side 2Tightening torque0,6 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCodingAMaterial contactCopper alloyNo. of poles3Width across flatsSW13Commercial dataECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-10.127060311	Coding	A
Width across flatsSW9Side 2Tightening torque0,6 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCodingAMaterial contactCopper alloyNo. of poles3Width across flatsSW13Commercial dataECLASS-6.027279218ECLASS-6.127279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-1.127060311	Material contact	Copper alloy
Side 2Tightening torque0.6 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCodingAMaterial contactCopper alloyNo. of poles3Width across flatsSW13Commercial data27279218ECLASS-6.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-1.127060311	No. of poles	3
Tightening torque0,6 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCodingAMaterial contactCopper alloyNo. of poles3Width across flatsSW13Commercial data27279218ECLASS-6.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-10.127060311	Width across flats	SW9
Mounting methodinserted, screwedCoating contactgold platedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCodingAMaterial contactCopper alloyNo. of poles3Width across flatsSW13Commercial dataECLASS-6.027279218ECLASS-6.127279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-10.127060311	Side 2	
Coating contact   gold plated     Family construction form   M12     Thread   M12 x 1     suitable for corrugated tube (internal Ø)   10 mm     Coding   A     Material contact   Copper alloy     No. of poles   3     Width across flats   SW13     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	Tightening torque	0,6 Nm
Family construction form   M12     Thread   M12 x 1     suitable for corrugated tube (internal Ø)   10 mm     Coding   A     Material contact   Copper alloy     No. of poles   3     Width across flats   SW13     Commercial data   27279218     ECLASS-6.0   27279218     ECLASS-7.0   27279218     ECLASS-8.0   27279218     ECLASS-8.0   27279218     ECLASS-9.0   27060311     ECLASS-9.0   27060311	Mounting method	inserted, screwed
Thread   M12 x 1     suitable for corrugated tube (internal Ø)   10 mm     Coding   A     Material contact   Copper alloy     No. of poles   3     Width across flats   SW13     Commercial data   27279218     ECLASS-6.0   27279218     ECLASS-7.0   27279218     ECLASS-8.0   27279218     ECLASS-8.0   27279218     ECLASS-9.0   27060311     ECLASS-9.0   27060311	Coating contact	gold plated
suitable for corrugated tube (internal Ø)   10 mm     Coding   A     Material contact   Copper alloy     No. of poles   3     Width across flats   SW13     Commercial data   ECLASS-6.0     ECLASS-6.1   27279218     ECLASS-7.0   27279218     ECLASS-8.0   27279218     ECLASS-8.0   27279218     ECLASS-9.0   27060311     ECLASS-10.1   27060311	Family construction form	M12
Coding   A     Material contact   Copper alloy     No. of poles   3     Width across flats   SW13     Commercial data   ECLASS-6.0   27279218     ECLASS-6.1   27279218     ECLASS-7.0   27279218     ECLASS-8.0   27279218     ECLASS-8.0   27279218     ECLASS-9.0   27060311     ECLASS-10.1   27060311	Thread	M12 x 1
Material contact   Copper alloy     No. of poles   3     Width across flats   SW13     Commercial data   E     ECLASS-6.0   27279218     ECLASS-6.1   27279218     ECLASS-7.0   27279218     ECLASS-8.0   27279218     ECLASS-8.0   27279218     ECLASS-9.0   27060311     ECLASS-10.1   27060311		10 mm
No. of poles   3     Width across flats   SW13     Commercial data   27279218     ECLASS-6.0   27279218     ECLASS-6.1   27279218     ECLASS-7.0   27279218     ECLASS-8.0   27279218     ECLASS-8.0   27279218     ECLASS-9.0   27060311     ECLASS-10.1   27060311	Coding	A
Width across flats SW13   Commercial data ECLASS-6.0   ECLASS-6.1 27279218   ECLASS-7.0 27279218   ECLASS-8.0 27279218   ECLASS-8.0 27279218   ECLASS-9.0 27060311   ECLASS-10.1 27060311	Material contact	Copper alloy
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	No. of poles	3
ECLASS-6.0 27279218   ECLASS-6.1 27279218   ECLASS-7.0 27279218   ECLASS-8.0 27279218   ECLASS-9.0 27060311   ECLASS-10.1 27060311	Width across flats	SW13
ECLASS-6.1 27279218   ECLASS-7.0 27279218   ECLASS-8.0 27279218   ECLASS-9.0 27060311   ECLASS-10.1 27060311	Commercial data	
ECLASS-7.0 27279218   ECLASS-8.0 27279218   ECLASS-9.0 27060311   ECLASS-10.1 27060311	ECLASS-6.0	27279218
ECLASS-8.0   27279218     ECLASS-9.0   27060311     ECLASS-10.1   27060311	ECLASS-6.1	27279218
ECLASS-9.0   27060311     ECLASS-10.1   27060311	ECLASS-7.0	27279218
ECLASS-10.1 27060311	ECLASS-8.0	27279218
ECLASS-10.1	ECLASS-9.0	27060311
ECLASS-11.1 27060311	ECLASS-10.1	27060311
	ECLASS-11.1	27060311
ECLASS-12.0 27060311	ECLASS-12.0	27060311

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ETIM-5.0	EC001855	
customs tariff number	85444290	
GTIN	4048879122504	
Packaging unit	1	
Electrical data   Supply		
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)	IP65, IP67, IP68, IP66K	
Additional condition protection degree	inserted, screwed	
Pollution Degree	3	
Rated surge voltage	1,5 kV	
Material group (IEC 60664-1)		
Mechanical data   Material data		
· · · ·		
Coating locking	Nickeled	
Material gasket	FKM	
Material housing	PUR Zing dia pagéing	
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	
Conformity		
Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)	
Installation   Cable		
Cable identification	630	
Cable Type	3	
Jacket Color	black	
Type of Certificate	cURus	
Amount stranding	1	
Stranding	3 wires twisted	
wire arrangement	brown, black, blue	
No. of bending cycles (C-track)	10 Mio. @ 25 °C	
Cable weigth	26,4 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)	4,1 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	
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Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
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
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   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
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m

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