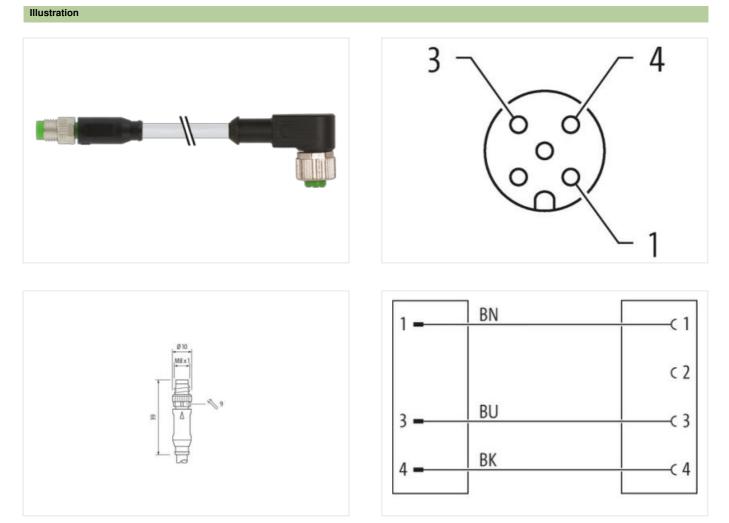


M8 male 0° / M12 female 90° A-cod.

PUR 3x0.25 gy UL/CSA+drag ch. 4.5m

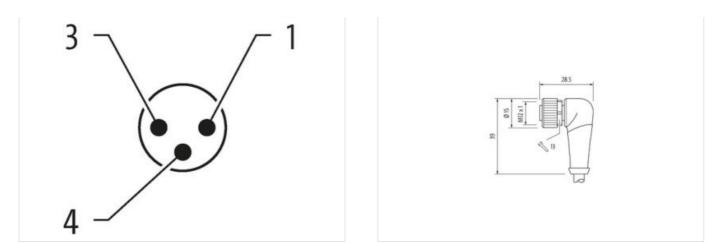
Male straight – female 90° M8 – M12, 3-pole M12, A-coded Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application.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

Link to Product



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Product may differ from Image



Cable length4,5 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 2Tightening torque0,6 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM12No. of poles3Side 2Tightening torque0,6 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM12ThreadM12 x1suitable for corrugated tube (internal Ø)10 mmCodingAMaterial contactCopper alloyNo. of poles3suitable for corrugated tube (internal Ø)10 mmCodingAMaterial contactCopper alloyNo. of poles3Side JSide JCodingAMaterial contactCopper alloyNo. of poles3Side Solution27051801ECLASS-6.027279218ECLASS-8.027279218ECLASS-10.127060311ECLASS-10.127060311		
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	4,5 m
Mounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6.5 mmCodingAMaterial contactCopper alloyNo. of poles3Side 2Image: ScrewedCoting contactgold platedKourting methodinserted, screwedCoting contactgold platedSide 2Image: ScrewedCoting contactgold platedCoating contactgold platedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCodingAMaterial contactCopper alloyNo. of poles3Suitable for corrugated tube (internal Ø)10 mmCodingAMaterial contactCopper alloyNo. of poles3Width across flatsSW13Commercial data27279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-7.0.127060311ECLASS-10.127060311	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 dataZ7061801ECLASS-6.027061801ECLASS-6.027279218ECLASS-8.027279218ECLASS-8.027060311ECLASS-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-9.027060311ECLASS-10.127060311	Thread	M8 x 1
Material 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-9.027060311ECLASS-10.127060311	suitable for corrugated tube (internal Ø)	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-6.027061801ECLASS-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-6.027061801ECLASS-6.127279218ECLASS-7.027279218ECLASS-9.027060311ECLASS-10.127060311	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 data27061801ECLASS-6.027061801ECLASS-7.027279218ECLASS-7.027279218ECLASS-9.027060311ECLASS-1.127060311ECLASS-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 dataECLASS-6.027061801ECLASS-6.127279218ECLASS-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-6.027061801ECLASS-6.127279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-10.127060311	Side 2	
Coating contactgold platedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCodingAMaterial contactCopper alloyNo. of poles3Width across flatsSW13Commercial dataECLASS-6.027061801ECLASS-6.127279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-10.127060311	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 27061801 ECLASS-6.0 27061801 ECLASS-6.1 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 27061801 ECLASS-6.0 27061801 ECLASS-6.1 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-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 27061801 ECLASS-6.1 27279218 ECLASS-7.0 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 ECLASS-6.0 27061801 ECLASS-6.1 27279218 ECLASS-7.0 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 27061801 ECLASS-6.0 27061801 ECLASS-6.1 27279218 ECLASS-7.0 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 27061801 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	Material contact	Copper alloy
Commercial data ECLASS-6.0 27061801 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 27061801 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	
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ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	ECLASS-6.1	27279218
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ECLASS-10.1 27060311	ECLASS-8.0	27279218
ECLASS-10.1	ECLASS-9.0	27060311
	ECLASS-10.1	27060311
ECLASS-11.1 27060311	ECLASS-11.1	27060311
ECLASS-12.0 27060311	ECLASS-12.0	27060311

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customs tariff number GTIN Packaging unit Electrical data Supply Operating voltage AC max. Operating voltage DC max. Operating voltage AC (UL-listed)	85444290 4048879817868 1
Packaging unit Electrical data Supply Operating voltage AC max. Operating voltage DC max.	
Packaging unit Electrical data Supply Operating voltage AC max. Operating voltage DC max.	
Electrical data Supply Operating voltage AC max. Operating voltage DC max.	
Operating voltage DC max.	
Operating voltage DC max.	50 V
	60 V
	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	
	NP-L-L-J
Coating locking	Nickeled
Material gasket	FKM
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
Conformity	
Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Installation Cable	
Cable identification	230
Cable Type	3
Jacket Color	gray
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 ²
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
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
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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