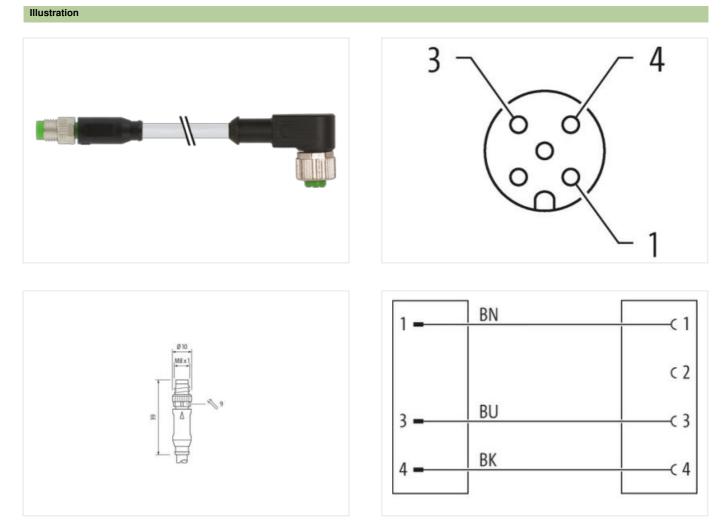


## M8 male 0° / M12 female 90° A-cod.

PVC 3x0.25 gy UL/CSA 3.5m

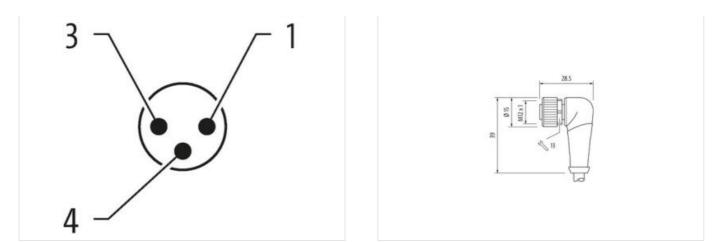
Male straight – female 90° M8 – M12, 3-pole M12, A-coded Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application.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

## Link to Product



The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-16





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-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

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-16



ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879123075
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
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 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Installation   Cable	
Cable identification	210
Cable Type	1
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	29,37 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Shore hardness jacket Freedom from ingredients (jacket)	85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free
Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	
Shore hardness jacket Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 %
Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 % PVC
Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 %

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-16



Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
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
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
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

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-16