

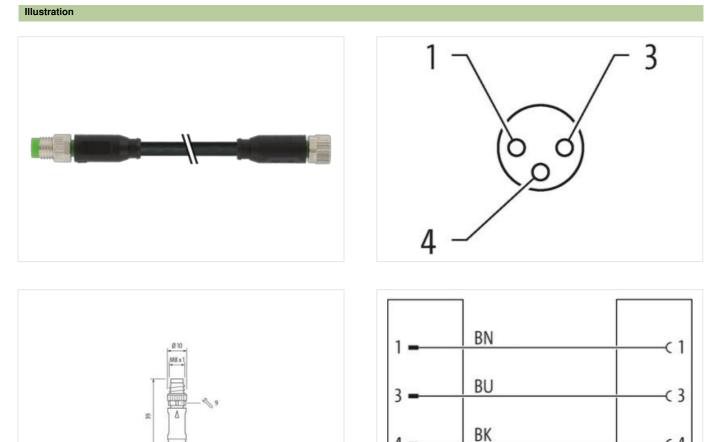
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## M8 male 0° / M8 female 0° A-cod.

PUR 3x0.25 bk UL/CSA+drag ch. 2m

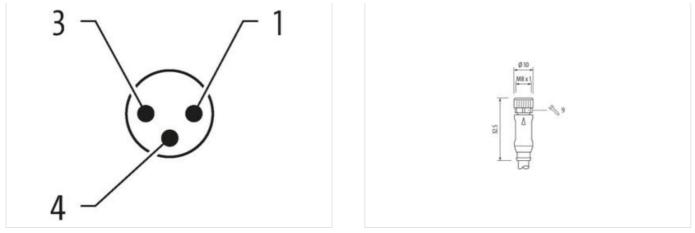
Male straight – female straight M8 – M8, 3-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further 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: 2024-05-04 Murrelektronik bv | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be





Product may differ from Image



Side 1     Tightening torque   0.4 Nm     Mounting method   inserted, screwed     Coaling 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   3     Width across flats   SW9     Side 2	Cable length	2 m
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 00)   6.5 mm     Material contact   Copper alloy     No. of poles   3     Width across flats   SW9     Side 2		2 III
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   3     Side 2	Side 1	
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   3     Side 2   Side 2     Togeta fats   Side 2     Coating contact   gold plated     Family construction form   M8 × 1     Material contact   Copper alloy     No. of poles   3     Coating contact   gold plated     Family construction form   M8 × 1     Material contact   Copper alloy     No. of poles   3     Commercial data   Zrz79218     ECLASS-6.0   Zrz79218     ECLASS-10.1   Zr060311     ECLASS-11.1   Zr060311     ECLASS-12.0   Zr060311     ECLASS-12.0   EC001855     <	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   3     Width across flats   SW9     Side 2		
Thread   M8 x 1     suitable for corrugated tube (internal 0)   6,5 mm     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 mm     Material contact   Copper alloy     No. of poles   3     Width across flats   SW9     Side 2	Family construction form	M8
Material contact   Copper alloy     No. of poles   3     Width across flats   SW9     Side 2	Thread	M8 x 1
No. of poles   3     Width across flats   SW9     Side 2	suitable for corrugated tube (internal $\emptyset$ )	6,5 mm
Width across flats   SW9     Side 2   Tightening 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   3     Commercial data   27279218     ECLASS-6.0   27279218     ECLASS-8.0   27279218     ECLASS-9.0   27060311     ECLASS-9.0   27060311     ECLASS-11.1   27060311     ECLASS-12.0   27060311     ECLASS-12.0   27060311     ETIM-5.0   ECO01855     customs tariff number   8544290     GTIN   4048879130882     Packaging unit   1	Material contact	Copper alloy
Side 2Tightening torque0,4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1Material contactCopper alloyNo. of poles3Commercial dataECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-10.127060311ECLASS-11.127060311ECLASS-12.027060311ETLM-5.0EC01855customs tariff number85444290GTIN404879130882Packaging unit1	No. of poles	3
Tightening 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   3     Commercial data     ECLASS-6.0   27279218     ECLASS-7.0   27279218     ECLASS-8.0   27279218     ECLASS-9.0   27060311     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   4048879130882     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   3     Commercial data   27279218     ECLASS-6.0   27279218     ECLASS-8.0   27279218     ECLASS-9.0   27260311     ECLASS-10.1   27060311     ECLASS-11.1   27060311     ECLASS-12.0   27060311     ECLASS-12.0   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     ECLASS-12.0   27060311     ETIM-5.0   ECO01855     customs tariff number   85444290     GTIN   4048879130882     Packaging unit   1	Side 2	
Coating contact   gold plated     Family construction form   M8     Thread   M8 x 1     Material contact   Copper alloy     No. of poles   3     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   404879130882     Packaging unit   1	Tightening torque	0,4 Nm
Family construction form   M8     Thread   M8 x 1     Material contact   Copper alloy     No. of poles   3     Commercial data     ECLASS-6.0   27279218     ECLASS-7.0   27279218     ECLASS-8.0   27279218     ECLASS-9.0   27279218     ECLASS-9.0   27060311     ECLASS-10.1   27060311     ECLASS-11.1   27060311     ECLASS-12.0   ECO01855     customs tariff number   85444290     GTIN   4048879130882     Packaging unit   1	Mounting method	inserted, screwed
Thread   M8 x 1     Material contact   Copper alloy     No. of poles   3     Commercial data   27279218     ECLASS-6.0   27279218     ECLASS-8.0   27279218     ECLASS-9.0   27279218     ECLASS-9.0   27060311     ECLASS-9.0   27060311     ECLASS-10.1   27060311     ECLASS-11.1   27060311     ECLASS-12.0   27060311     ETIM-5.0   ECO01855     customs tariff number   85444290     GTIN   4048879130882     Packaging unit   1	Coating contact	gold plated
Material contact   Copper alloy     No. of poles   3     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   4048879130882     Packaging unit   1	Family construction form	M8
No. of poles   3     Commercial data   2     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   85444290     GTIN   4048879130882     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   4048879130882     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-10.1   27060311     ECLASS-11.1   27060311     ECLASS-12.0   27060311     ETIM-5.0   EC001855     customs tariff number   85444290     GTIN   4048879130882     Packaging unit   1	No. of poles	3
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   8544290     GTIN   4048879130882     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   4048879130882     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   4048879130882     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 4048879130882   Packaging unit 1	ECLASS-8.0	27279218
ECLASS-11.1 27060311   ECLASS-12.0 27060311   ETIM-5.0 EC001855   customs tariff number 85444290   GTIN 4048879130882   Packaging unit 1	ECLASS-9.0	27060311
ECLASS-12.0   27060311     ETIM-5.0   EC001855     customs tariff number   85444290     GTIN   4048879130882     Packaging unit   1	ECLASS-10.1	27060311
ETIM-5.0   EC001855     customs tariff number   85444290     GTIN   4048879130882     Packaging unit   1	ECLASS-11.1	27060311
customs tariff number85444290GTIN4048879130882Packaging unit1	ECLASS-12.0	27060311
GTIN   4048879130882     Packaging unit   1	ETIM-5.0	EC001855
Packaging unit 1	customs tariff number	85444290
	GTIN	4048879130882
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)	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	
	Niekelad
Coating locking	Nickeled FKM
Material gasket 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 61076-2-114 (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
Traversing distance (C-track)	10 m @ 25 °C   horizontal
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
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free

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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	4,5 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
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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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