

M12 male 0° / M8 female 0° A-cod.

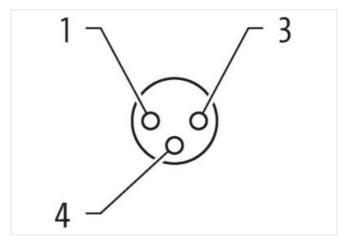
PVC 3x0.25 bk UL/CSA 7.5m

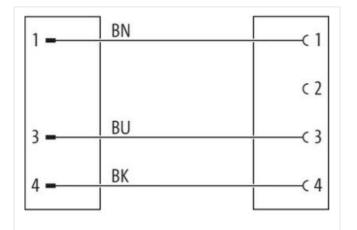
Male straight – female straight M12 – M8, 3-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested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

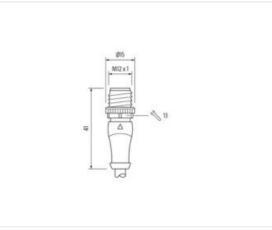
Link to Product

Illustration



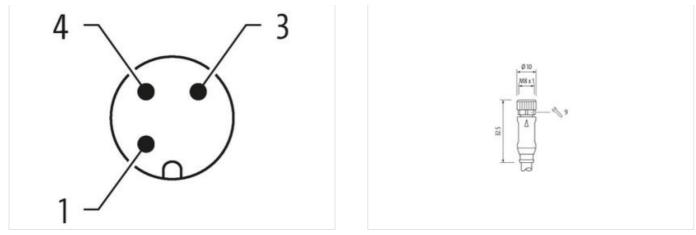






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-20 Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk





Product may differ from Image



Side 1Tightening torque0.6 NmMounting methodinserted, screwedFamily construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmCodingAMaterialPURWidth arcoss flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2TorsendTightening torque0.4 NmMounting methodinserted, screwedFamily construction formM8ThreadM8 x 1Suitable for corrugated tube (internal Ø)6,5 mmCodingAMetrialPURWidth arcoss flatsSW9CodingAMetrialPURWidth arcoss flatsSW9CodingACoding27279218ECLASS-6.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-1.127060311ECLASS-1.127060311ECLASS-1.127060311ECLASS-1.127060311ECLASS-1.127060311ECLASS-1.2ECO00115ETIM-5.0ECO00155Eustons tariff numberS444290STIN404879163309		
Tightening torque 0.6 Nm Mounting method inserted, screwed Family construction form M12 x Suitable for corrugated tube (internal 0) 10 mm Coding A Material PUR Widt across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2	Cable length	7,5 m
Construction form M12 Family construction form M12 Thread M12 × 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 T Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 × 1 Suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR Width across flats SW9 Codings A Colass-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-7.1.1 27060311 ECLASS-7.2.0 27060311 ECLASS-7.2.0 27060311 ECLASS-7.2.0 27060311 ECLASS-7.2.0 27060311 <	Side 1	
Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Image: Commentation (Image: C	Tightening torque	0,6 Nm
Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Image: Suitable for corrugated tube (internal Ø) Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Material PUR Width across flats SW9 Coding A Material PUR Width across flats SW9 Coding A Coding Coding	Mounting method	inserted, screwed
suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width arcoss flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2	Family construction form	M12
Coding A Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2	Thread	M12 x 1
Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2	suitable for corrugated tube (internal \emptyset)	10 mm
With across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 IP65, IP66K, IP67 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR Width across flats SW9 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 EC	Coding	A
Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2Tightening torque0,4 NmMounting methodinserted, screwedFamily construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmCodingAMaterialPURWidth across flatsSW9Commercial dataECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-8.027260311ECLASS-10.127060311ECLASS-11.127060311ECLASS-12.027060311ECLASS-12.0ECO01855customs tariff number85444290STIN404887163309	Material	PUR
Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR Width across flats SW9 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 <td< td=""><td>Width across flats</td><td>SW13</td></td<>	Width across flats	SW13
Tightening torque 0,4 Nm Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR Width across flats SW9 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 <	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Mounting method inserted, screwed Family construction form M8 Thread M8 × 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR Width across flats SW9 Commercial data ECLASS-6.0 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27200311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 ECOU1855 customs tariff number 85444290 GTIN 4048879163309	Side 2	
Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR Width across flats SW9 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 27060315 ECIASS-12.0 27060316 ECIASS-12.0 27060315 ECIASS-12.0 27018 ECIASS-12.0	Tightening torque	0,4 Nm
Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR Width across flats SW9 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 ECLASS-12.0 85444290 GTIN 4048879163309	Mounting method	inserted, screwed
Suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR Width across flats SW9 Commercial data ECLASS 6.0 ECLASS 7.0 27279218 ECLASS 8.0 27279218 ECLASS 9.0 27060311 ECLASS 9.0 27060311 ECLASS 9.1.1 27060311 ECLASS 9.2.1 27060311 ECLASS 9.2.2 27060313 ECLASS 9.2.2 270603313	Family construction form	M8
Coding A Material PUR Width across flats SW9 Commercial data 27279218 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-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 85444290 Customs tariff number 85444290 GTIN 4048879163309	Thread	M8 x 1
Material PUR Width across flats SW9 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 ECOU1855 ECUASS-12.0 27060311 ETIM-5.0 ECOU1855 ECUASS-12.0 27060313 ETIM-5.0 ECOU1855 ECUASS-12.0 27060313 ETIM-5.0 ECOU1855 ECUASS-12.0 27060313 ECUASS-12.0 ECOU1855 ECUASS-12.0 ECUASS-12.0 <	suitable for corrugated tube (internal \emptyset)	6,5 mm
Width across flats SW9 Commercial data E 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 Exstorms tariff number 85444290 GTIN 4048879163309	Coding	A
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 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879163309	Material	PUR
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 4048879163309	Width across flats	SW9
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 4048879163309	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 85444290 GTIN 4048879163309	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 4048879163309	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 4048879163309	ECLASS-8.0	27279218
ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879163309	ECLASS-9.0	27060311
ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879163309	ECLASS-10.1	27060311
ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879163309	ECLASS-11.1	27060311
customs tariff number 85444290 GTIN 4048879163309	ECLASS-12.0	27060311
GTIN 4048879163309	ETIM-5.0	EC001855
	customs tariff number	85444290
Packaging unit 1	GTIN	4048879163309
	Packaging unit	1

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: 2024-05-20

Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk



Electrical data | Supply

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
Device protection Electrical	
•	
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
Coating of fitting	nickel plated
Material gasket	FKM
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	-25 °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	
wire arrangement	brown, black, blue
Cable identification	610
Cable Type	1
Jacket Color	black
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
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,5 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	3
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
	14



Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm ²
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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 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

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: 2024-05-20

Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk