

3

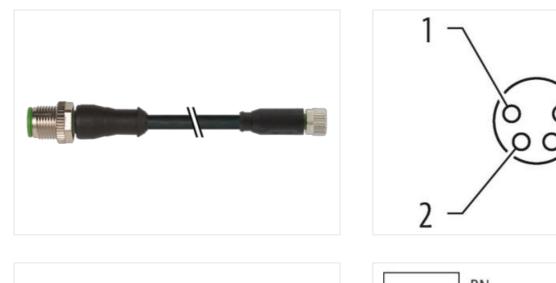
M12 male 0° / M8 female 0° A-cod.

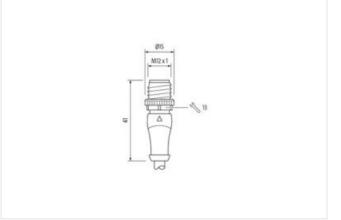
PUR 4x0.25 bk UL/CSA+drag ch. 3m

Male straight – female straight M12 – M8, 4-pole Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request with cable sleeves 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



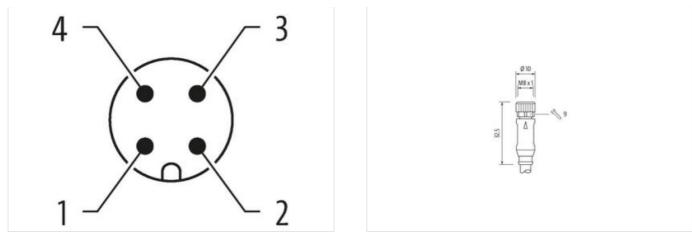






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-09





Product may differ from Image



Sable length3 mSide 1Tightening torque0,6 NmAounting methodinserted, screwedFamily construction formM12ThreadM12 x 1witable for corrugated tube (internal Ø)10 mmCodingAAaterial contactCopper alloyAaterialPURNo. of poles4With across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2IP65, IP66K, IP67Side 2IP65, IP66K, IP67Counting methodinserted, screwedFamily construction formM8ThreadM8 x 1witable for corrugated tube (internal Ø)6,5 mmCodingAAaterial contactCopper alloyAaterial contactCopper alloyAdaterial contactSo of polesM8 x 1Image and an and an anotactAaterial contactCopper alloyAaterial contactCopper alloyAaterial contactSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial dataSW9ECLASS-6.027279218CCLASS-7.027279218CCLASS-8.027279218CCLASS-10.127060311CCLASS-11.127060311
Tightening torque0,6 NmAdounting methodinserted, screwedThreadM12ThreadM12 x 1uitable for corrugated tube (internal Ø)10 mmCodingAAterial contactCopper alloyAterial contactCopper alloyAterialPURNo. of poles4Vidth across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2IP65, IP66K, IP67Side 2Image: ScrewedTightening torque0,4 NmAounting methodinserted, screwedThreadM8 x 1uitable for corrugated tube (internal Ø)6,5 mmCodingAAterial contactCopper alloyAdaterial contactCopper alloyAduatial contactCopper alloyAduaterial contactK 19CodingAAterial contactCopper alloyAdaterial contactCopper alloyAdaterial contactPURNo. of poles4Vidth across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial data27279218CLASS-6.027279218CLASS-7.027279218CLASS-7.027279218CLASS-10.127060311CLASS-10.127060311
Construction forminserted, screwedfirreadM12firreadM12 x 1iuitable for corrugated tube (internal Ø)10 mmCodingAAterial contactCopper alloyAterialPURNo. of poles4Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2Inserted, screwedTightening torque0,4 NmAlounting methodinserted, screwedFamily construction formM8ThreadM8 x 1uitable for corrugated tube (internal Ø)6,5 mmCodingAAterialPURAduetrialPURCodingAAterial contactCopper alloyAterialPURSold g2CodingACodingAAterial contactCopper alloyAterialPURNo. of poles4Vidth across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial data27279218CLASS-0.027279218CLASS-7.027279218CLASS-7.027279218CLASS-10.127060311CLASS-10.127060311
Family construction formM12ThreadM12 x 1uitable for corrugated tube (internal Ø)10 mmCodingAAaterial contactCopper alloyAaterialPURko. of poles4Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2IP65, IP66K, IP67Tightening torque0,4 NmAounting methodinserted, screwedFamily construction formM8ThreadM8 x 1uitable for corrugated tube (internal Ø)6,5 mmCodingAAaterialPURNo. of poles4Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial dataSU9CodingAActerialPURNo. of poles4Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial data27279218ECLASS-6.027279218ECLASS-7.027279218ECLASS-9.027060311ECLASS-10.127060311
ThreadM12 x 1uitable for corrugated tube (internal Ø)10 mmCodingAAterial contactCopper alloyAterialPURko. of poles4Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2Image: Stee Stee Stee Stee Stee Stee Stee St
uitable for corrugated tube (internal Ø)10 mmCodingAAterial contactCopper alloyAterialPURNo. of poles4Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2IP65, IP66K, IP67Tightening torque0,4 NmAounting methodinserted, screwed*amily construction formM8ThreadM8 × 1uitable for corrugated tube (internal Ø)6,5 mmCodingAAterial contactCopper alloyMaterial contactCopper alloyAterialPURNo. of poles4Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial dataCopper alloyActerialPURNo. of poles4SteraeSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial dataST279218ECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-10.127060311
DodingAAlaterial contactCopper alloyAlaterial contactPURAlaterialPURAlaterialPURAlaterialSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2IP65, IP66K, IP67Side 2Image: State of Competition (EN IEC 60529)Ipidtening torque0,4 NmAounting methodinserted, screwedFamily construction formM8Material contactCopper alloyAdaterial contactCopper alloyAdaterial contactCopper alloyAlaterialPURNo. of poles4With across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial data27279218ECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-10.127060311
AtterialCopper alloyAtterialPURNo. of poles4Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2IP65, IP66K, IP67Side 2Image: State of the st
AtterialPURNo. of poles4Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2
No. of poles4Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2
Width across flatsSW13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2Fightening torque0,4 NmMounting methodinserted, screwedamily construction formM8ThreadM8 x 1auitable for corrugated tube (internal Ø)6,5 mmCodingAAterial contactCopper alloyMaterialPURNo. of poles4Vidth across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial data27279218ECLASS-6.027279218ECLASS-7.027279218ECLASS-9.027060311ECLASS-10.127060311
Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 2"ightening torque0,4 NmMounting methodinserted, screwedamily construction formM8"InreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmCodingAMaterial contactCopper alloyMaterialPURNo. of poles4Vidth across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial dataECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-10.127060311
Side 2Fightening torque0,4 NmAounting methodinserted, screwedFamily construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmCodingAAterial contactCopper alloyAterialPURNo. of poles4Vidth across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial data27279218ECLASS-6.027279218ECLASS-7.027279218ECLASS-9.027060311ECLASS-10.127060311
Tightening torque0,4 NmMounting methodinserted, screwedFamily construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmCodingAMaterial contactCopper alloyMaterialPURNo. of poles4Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial data27279218ECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-10.127060311
Aounting methodinserted, screwedAnounting methodinserted, screwedFamily construction formM8ThreadM8 x 1auitable for corrugated tube (internal Ø)6,5 mmCodingAAaterial contactCopper alloyMaterialPURNo. of poles4Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial dataECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-10.127060311
Family construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmCodingAAterial contactCopper alloyMaterial contactPURNo. of poles4Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial dataECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-10.127060311
ThreadM8 x 1auitable for corrugated tube (internal Ø)6,5 mmCodingAMaterial contactCopper alloyMaterialPURNo. of poles4Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial data27279218ECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-10.127060311
Builtable for corrugated tube (internal Ø)6,5 mmCodingAMaterial contactCopper alloyMaterialPURMo. of poles4Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial dataECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-10.127060311
CodingAMaterial contactCopper alloyMaterialPURNo. of poles4Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial dataECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-10.127060311
Material contactCopper alloyMaterialPURNo. of poles4Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Commercial dataECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-10.127060311
Material PUR Vo. of poles 4 Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311
Vio. of poles 4 Vidth across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 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
Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311
Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial data 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311
Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311
ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311
ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311
ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311
ECLASS-9.0 27060311 ECLASS-10.1 27060311
ECLASS-10.1 27060311
ECLASS-11.1 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: 2024-05-09



ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879161848
Packaging unit	1
Electrical data Supply	
	50.1/
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	
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.	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	631
Cable Type	3
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1 Automaticated
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Traversing distance (C-track)	10 m @ 25 °C horizontal
Cable weigth	33 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)	4,5 mm ± 5 %
Tolerance outer diameter (sheath)	10 /0

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: 2024-05-09



Material wire insulation	PP
Amount wires	4
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
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
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3,6 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

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: 2024-05-09