

M12 male 0° / M12 female 90° A-cod. 3LED V2A

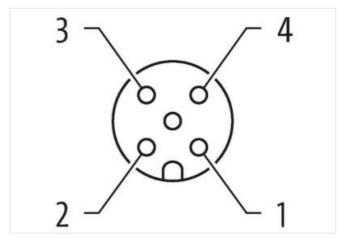
FEP 5xAWG22 bk 1m

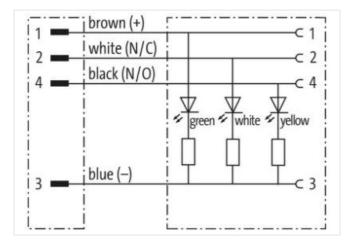
Male straight – female 90° M12 – M12, 4-pole 3× LED (PNP), (NPN) on request Stainless steel 1.4305 (V2A) PTFE coated Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

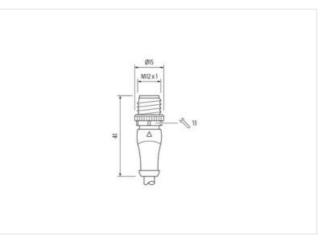
Link to Product

Illustration





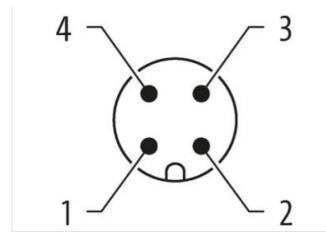


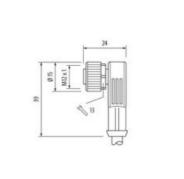


The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19

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Product may differ from Image

Cable length	1 m
Side 1	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	Α
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Side 2	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
Coding	A
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
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879474634
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	green, white, yellow
Device protection Electrical	

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Rate surg voltage 0.8 kV Material group (IEC 60664-1) I Mechanical data [Material data Costing locking on u PTFE beschichtet Material pusiting asket FKM Material pusiting asket FKM Material pusiting asket FKM Material pusiting asket FKM Metherial pusiting asket FKM Mounting method Stainless steel 1.4305 (V2A) Mechanical data [Mounting data inserted, screwad, Shaking protection Coparating temperature main. 25 °C Operating temperature max. B5 °C Additional condition temperature range depending on cable quality Important installation notes Terrotomeetance stress from mechanical loads, e.g. by the usage of cable lites. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lites. Installation [Cable Cable (dentification Cable (dentification 828 Jacket Color black Amount stranding 1 Stranding 97FE-Folie Filler yee Wrie rangem	Pollution Degree	3
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Coaling locking nut PTFE beschichtet Material pasket FKM Material housing PUR Locking material Stainless steel 1.4305 (V2A) Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteriatics Olimatic	Material group (IEC 60664-1)	
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Freedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationFEPAmount wires5Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore DIngredient freeness wire insulation19Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wirecopper stranded wire, tinnedNominal voltage AC max.600 V	Material jacket	FEP
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Diameter of single wires 22 AWG Conductor crosssection (wire) 22 AWG Material conductor wire copper stranded wire, tinned Nominal voltage AC max. 600 V	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
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Material conductor wire copper stranded wire, tinned Nominal voltage AC max. 600 V	Diameter of single wires	22 AWG
Nominal voltage AC max. 600 V	Conductor crosssection (wire)	22 AWG
	Material conductor wire	copper stranded wire, tinned
	Nominal voltage AC max.	600 V
Current load capacity (standard) to DIN VDE 0298-4	Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire 4,5 A	Current load capacity min. wire	4,5 A
Electrical resistance line constant wire 52,2 Ω/km @ 20 °C	Electrical resistance line constant wire	52,2 Ω/km @ 20 °C
AC withstand voltage (wire - wire) 2 kV @ 60 s	AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - 2 kV @ 60 s	Power frequency withstand voltage (wire -	2 kV @ 60 s
Min. operating temperature (static) -100 °C	Min. operating temperature (static)	-100 °C
Max. operating temperature (fixed) 180 °C	Max. operating temperature (fixed)	180 °C
Operating temperature min. (dynamic) -100 °C	Operating temperature min. (dynamic)	-100 °C
Operating temperature max. (dynamic) 180 °C	Operating temperature max. (dynamic)	180 °C

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UV resistance	DIN EN ISO 4892-2 A
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)	7,5 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter

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