

4

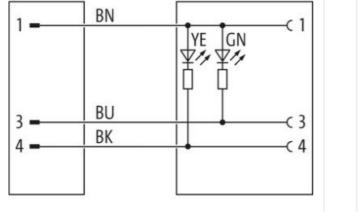
M12 male 0° / M12 female 90° A-cod. LED

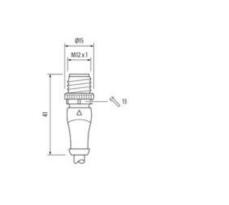
PVC 3x0.34 bk UL/CSA 3.8m

Male straight – female 90° M12 – M12, 3-pole 2× LED (PNP), (NPN) on request 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

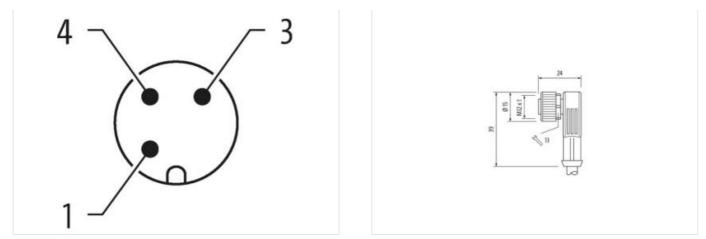






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Product may differ from Image



Cable length	3,8 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal \emptyset)	10 mm
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal \emptyset)	10 mm
Material	PUR
Width across flats	SW13
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	4048879170833
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V

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Operating voltage DC max. 3 Operating voltage DC max. (UL-listed) 3 Current operating per contact max. 4 Diagnostics 3 Status indication LED g Installation Connection 3	18 V 30 V 30 V 4 A green, yellow
Operating voltage DC max. (UL-listed) 3 Current operating per contact max. 4 Diagnostics 3 Status indication LED g Installation Connection 3	30 V 4 A
Current operating per contact max. 4 Diagnostics 5 Status indication LED g Installation Connection 6	4 A
Diagnostics Status indication LED g Installation Connection	
Status indication LED g Installation Connection	green, yellow
Installation Connection	green, yellow
Mounting set	
	M12 x 1
Device protection Electrical	
Additional condition protection degree	nserted, screwed
·	3
	0.8 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
g	Nickeled
	nickel plated
-	Zinc die-casting
	Zinc die-casting
Mechanical data Mounting data	
Mounting method in	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min	-25 °C
	35 °C
	depending on cable quality
Conformity	
· · · · ·	
	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification 6	613
Cable Type 1	1
Jacket Color b	olack
Type of Certificate c	cURus
Amount stranding 1	1
Stranding 3	3 wires twisted
wire arrangement b	prown, black, blue
Cable weigth 3	34,1 g/m
Material jacket F	PVC
Shore hardness jacket 8	85 ± 5 Shore A
Freedom from ingredients (jacket)	ead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket) 4	4,6 mm
Tolerance outer diameter (sheath) ±	± 5 %
Material wire insulation F	PVC
Amount wires 3	3
Outer diameter insulation 1	1,25 mm
Outer diameter tolerance core insulation ±	± 5 %
Shore hardness wire insulation 4	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	ead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire) 1	19
Diameter of single wires 0	0,15 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire S	Stranded copper wire, bare

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Conductor type (wire)	Strand class 5
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	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	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
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

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