

M12 female 90° A-cod. with cable LED

PUR 4x0.34 bk UL/CSA+robot+drag ch. 0.3m

Female 90° Zinc die casting, save-cover coated M12, 4-pole 3× LED (PNP)

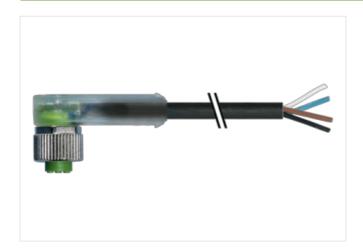
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

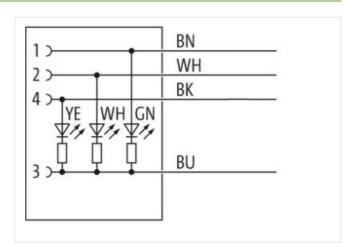
Plastic housings with good resistance against chemicals and oils.

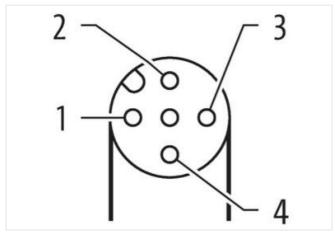
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

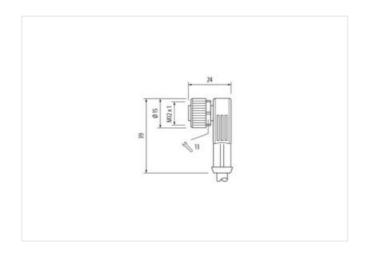
Link to Product

Illustration









Product may differ from Image











Cable length

0,3 m

Side 1



stay connected

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
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
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	4048879762205
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Operating voltage DC max. (UL-listed)	30 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	green, white, yellow
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Coating locking	safe-cover coated
Coating of fitting	nickel plated
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
Conformity	
Product standard	DIN EN 61076-2-101 (M12)



stay connected

Cable Identification 654 Cable Type 5 Jacket Color black Type of Certificate cURus Amount stranding 1 Shanding 4 wires twisted wire a rangement brown, black, blue, white No. of bending cycles (C-track) 10 Mio. 26 ±G Cable weigh 85.3 g/m Material Jacket PUR Shore hardness jacket 98.2 Shore D Froedom from ingredionts (jacket) 10 Mio. 26 ±G Cuter diameter (jacket) 4.7 mm To der diameter (jacket) 4.7 mm Outer diameter (jacket) 4.7 mm Outer diameter (jacket) 5.8 % Material via insulation PP Material via insulation 1,25 mm Outer diameter (jacket) 5.8 % Shore bardness wire insulation 7.4 ± 3 Shore D Ingredient fixeness wire insulation 7.4 ± 3 Shore D In	Installation Cable	
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Jacket Color		
Type of Certificate CURus Amount stranding 1 Stranding 4 kries twisted wire arrangement brown, black, blue, white No. of bending cycles (C-track) 10 Min. @ 25° C Gable weight 98,3 gm Material jacket PUR Shore hardness jacket 92 S Shore D Freedom from ingredients (jacket) 4.7 mm Outer diameter (jacket) 4.7 mm Tolerance outer diameter (shalati) 2.5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 1,25 mm Ingredient freeness wire insulation 1,25 mm Ingredient freeness wire insulation 1,25 mm Ingredient freeness wire insulation 1,42 S Shore D Ingredient freeness wire insulation 1,42 S Shore D Ingredient freeness wire insulation 1,5 % Shore D <t< td=""><td></td><td></td></t<>		
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Flame resistance Clubrate Stance Clood, application-related testing Gasoline resistance Good, application-related testing Oil resistance Clood, application-related testing Oil resistance Clood, application-related testing Oil resistance Clood, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min	Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
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 No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min	UV resistance	DIN EN ISO 4892-2 A
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 No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min	Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min	chemical resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min	Gasoline resistance	Good, application-related testing
Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min	Oil resistance	Good, application-related testing DIN EN 60811-404
No. of torsion cycles 1 Mio. Torsion speed 35 cycles/min	Bending radius (fixed)	5 x Outer diameter
Torsion speed 35 cycles/min	Bending radius (dynamic)	10 x Outer diameter
	No. of torsion cycles	1 Mio.
Torsion stress ± 360 °/m	Torsion speed	35 cycles/min
	Torsion stress	± 360 °/m