

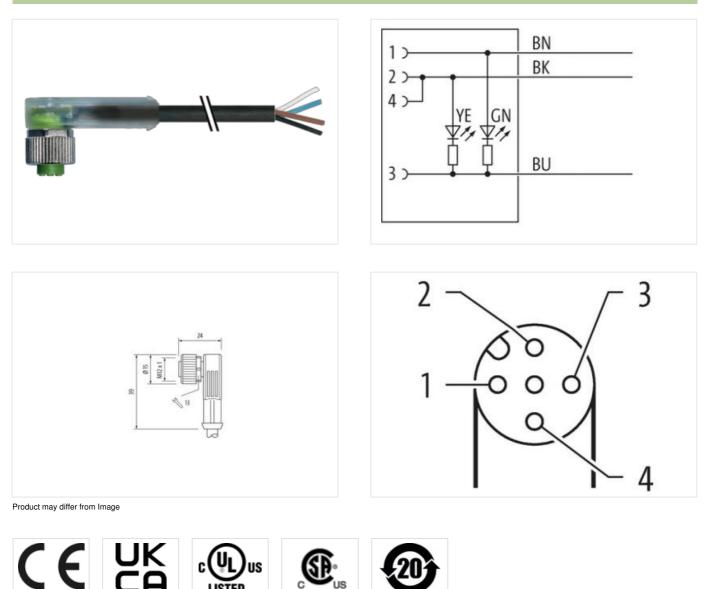
M12 female 90° A-cod. with cable LED

PUR 3x0.34 bk UL/CSA+drag ch. 5m

Female 90° M12, 4-pole 2× LED (PNP) bridged 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



Cable length

5 m

LISTED

Side 1

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Murrelektronik GmbH | Office Park 4, 4.OG/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at



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Additional condition temperature range depending on cable quality Important installation notes		85 °C
	Additional condition temperature range	depending on cable quality
	Important installation notes	
		Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

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Murrelektronik GmbH | Office Park 4, 4.OG/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at

Note on bending radius



endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation | Cable Cable identification 646 Cable Type 3 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 31,35 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) 4.8 mm Tolerance outer diameter (sheath) +5% Material wire insulation PP Amount wires 3 Outer diameter insulation 1,45 mm Outer diameter tolerance core insulation ±5% Shore hardness wire insulation 65 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Ingredient freeness wire insulation Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C | horizontal Nominal voltage AC max 600 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 60 Ω/km @ 20 °C AC withstand voltage (wire - wire) 6 kV @ 60 s Power frequency withstand voltage (wire -6 kV @ 60 s jacket) Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 90 °C UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 | UL 1581 § 1090 | 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 Travel speed (C-track) 5 Mio. @ 25 °C No. of torsion cycles 2 Mio Torsion stress ± 180 °/m

Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be

Torsion speed 35 cycles/min

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