MURR ELEKTRONIK
stay connected

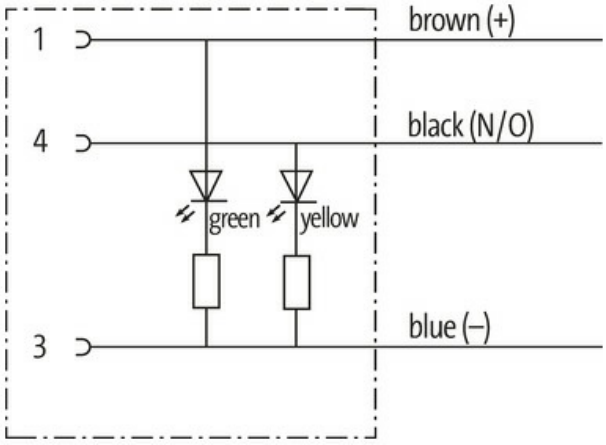
M8 female 90° A-cod. with cable LED

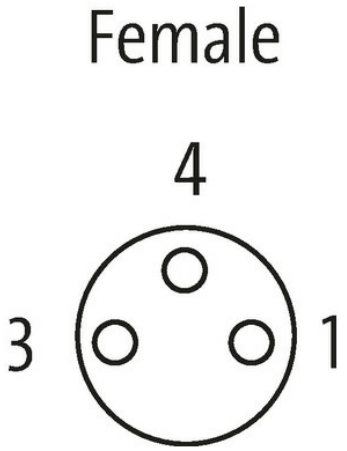
PUR 3x0.34 gy UL/CSA+drag ch. 2m

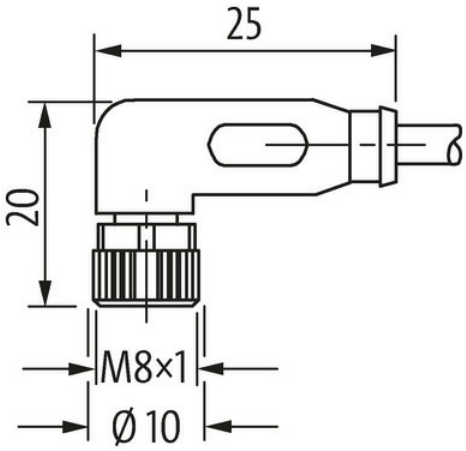
Female 90°
M8, 3-pole
2× LED (PNP)
with cable sleeves
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.
Further cable lengths on request.

Link to Product

Illustration







Product may differ from Image

* only for products with UL/CSA approved cable

Form

Form	08121

Technical Data

Operating voltage	24 V DC ±25%

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Operating current per contact	max. 4 A
Locking of ports	Screw thread (M8×1 mm) recommended torque 0.4 Nm, self-securing
Protection	IP66K, IP67 inserted and tightened (EN 60529)
Locking material	Zinc die casting, nickel-plated
Cables	
Cable identification	233
Cable Type	3 (PUR)
Approval (cable)	cURus (AWM-Style 20549/10493); CE conform
Cable weight [g/m]	29,7 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 57 Ω/km (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	42× 0.1 mm (multi-strand wire class 6)
Diameter (core)	3× 0.34 mm²
AWG	similar to AWG 22
Material (wire isolation)	PP
Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	70 ±5 D
Wire-Ø incl. isolation	1.25 mm ±5%
Color/numbering of wires	br, bk, bl
Stranding combination	3 wires twisted
Shield	no
Material (jacket)	PUR
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
Shore hardness (jacket)	90 ±5 A
Outer-Ø (jacket)	4.1 mm ±5%
Color (jacket)	gray
chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
thermal resistance	flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2
Nominal voltage	300 V AC
Test voltage	2500 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-40...+80 °C, (+90 °C at max. 10 000 operating hours)
Temperature range (mobile)	-25...+80 °C, (+90 °C at max. 10 000 operating hours)
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
No. of bending cycles (C-track)	max. 10 Mio. (25 °C)
Travel speed (C-track)	max. 3 m/s
Acceleration (C-track)	max. 10 m/s²
Torsion stress	±180°/m
No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min
Commercial data	
country of origin	DE
customs tariff number	85444290
EAN	4048879085335
eClass	27279218
Packaging unit	1.000