

M8 male 0° / M12 female 0° LED

PUR 3x0.25 bk UL/CSA+robot+drag chain 3m

Male straight – female straight

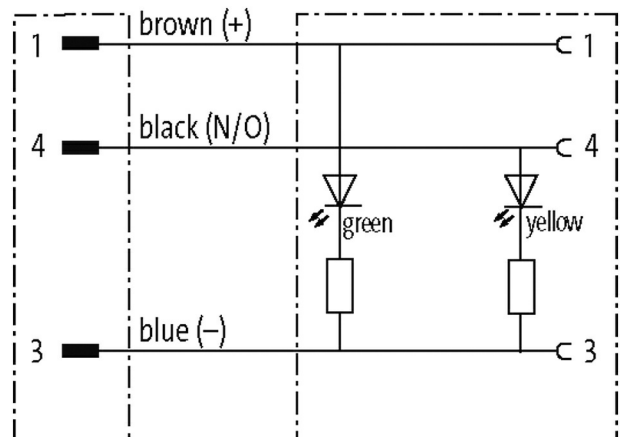
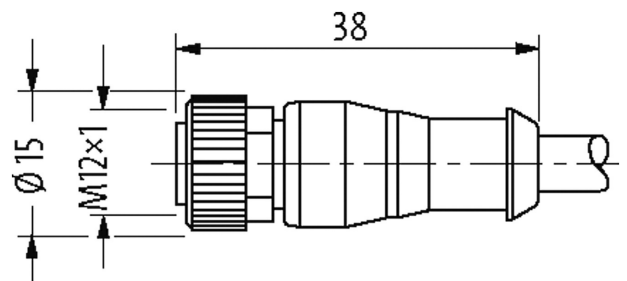
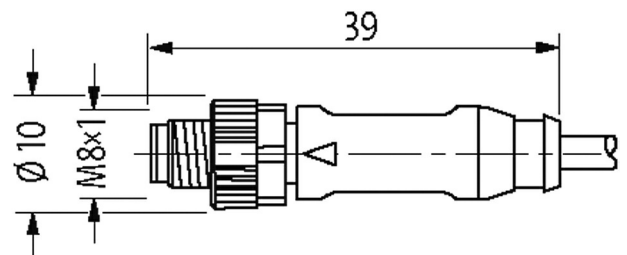
M8 – M12, 3-pole

2× LED (PNP), (NPN) on request

Further cable lengths 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.

[Link to Product](#)**Illustration**

Product may differ from Image

Approvals

cCSAus



* only for products with UL/CSA approved cable

Form

Form 88245

General data

Standards DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8)

Pollution Degree 3

Temperature range -25...+85 °C, depending on cable quality

CablesNo./diameter of wires 3 × 0.25 mm²

Wire isolation PP (br, bl, bk)

C-track properties 10 Mio.

Material (jacket) PUR (UL/CSA), welding spark

Outer Ø 4.3 mm ±5%

Bend radius (moving) 10 × outer Ø

Temperature range (fixed) -40...+80 °C

Temperature range (mobile) -25...+80 °C

Cable identification 650

Cable Type 5 (PUR schweißfunkenbeständig)

Approval (cable) cURus (AWM-Style 20549/10493); CE conform

Cable weight [g/m] 26,40

Material (wire) Cu wire, bare

Resistor (core) max. 79 Ω/km (20 °C)

Single wire Ø (core) 0.1 mm

Construction (core) 32 × 0.1 mm (multi-strand wire class 6)

Diameter (core) 3 × 0.25 mm²

AWG similar to AWG 24

Material (wire isolation) PP

Material property (wire isolation) CFC-, halogen-, cadmium-, silicone- and lead-free

Shore hardness (wire isolation) 74 ±3 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-, microbial- and welding spark resistant

Shore hardness (jacket) 58 ±3 D

Outer-Ø (jacket) 4.3 mm ±5%

Color (jacket) black

chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404)

thermal resistance flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant

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)
Traversing distance (C-track)	max. 5 m (horizontal)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s ²
Torsion stress	±360°/m
No. of torsion cycles	max. 1 Mio. (25 °C)
Torsion speed	35 cycles/min
Jacket Color	black

Technical Data

Operating voltage	24 V DC ±25%
Operating voltage (only UL listed)	max. 30 V DC
Rated surge voltage	0.8 kV
Operating current per contact	max. 4 A
No. of poles	3
Material group	IEC 60664-1, category I
Coding	A-coded
LED display	yellow/green
Locking of ports	Screw thread (M8/M12×1 mm) recommended torque 0.4/0.6 Nm, self-securing
Compression gland	M8 (SW9), M12 (SW13)
Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
Locking material	Brass, nickel-plated (screw), Zinc die casting, nickel-plated (nut)
suitable for corrugated tube (internal Ø)	M12 (10 mm); M8 (6.5 mm)

Commercial data

country of origin	CZ
customs tariff number	85444290
EAN	4048879371476
eClass	27279218
Packaging unit	1