

M12 male 0° / M8 female 0° snap-in

PUR 4x0.25 bk UL/CSA+drag chain 2m

Male straight – female straight

M12 – M8 (Snap In), 4-pole

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

Approvals**Form**

Form 40585

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

Cables

No./diameter of wires	4 x 0.25 mm ²
C-track properties	10 Mio.
Material (jacket)	PUR (UL/CSA)
Wire isolation	PP (br, wh, bl, bk)
Outer Ø	4.5 mm ±5%
Bend radius (moving)	10x outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-25...+80 °C
Cable identification	631
Cable Type	3 (PUR)
Approval (cable)	cURus (AWM-Style 20549/10493); CE conform
Cable weight [g/m]	33,00
Material (wire)	Cu wire, bare
Resistor (core)	max. 79 Ω/km (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	32x 0.1 mm (multi-strand wire class 6)
Diameter (core)	4 x 0.25 mm ²
AWG	similar to AWG 24
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, wh
Stranding combination	4 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)	4.5 mm ±5%
Color (jacket)	black
chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
thermal resistance	flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, 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/s ²
Torsion stress	±180°/m
No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min
Jacket Color	black

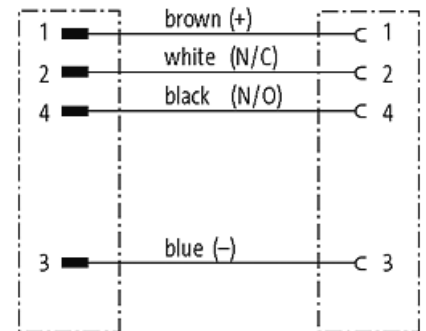
Technical Data

Operating voltage	max. 30 V AC/DC
Rated surge voltage	0.8 kV
Operating current per contact	max. 4 A
Material group	IEC 60664-1, category I
Coding	M12, A-coded
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing, M8 (Snap In)
Compression gland	M12 (SW13)
Protection	IP65, IP66K, IP67 (M12) - IP65 (M8)
Locking material	Zinc die casting, matte nickel plated (M12)
Material	PUR
suitable for corrugated tube (internal Ø)	M12 (10 mm); M8 (6.5 mm)

Commercial data

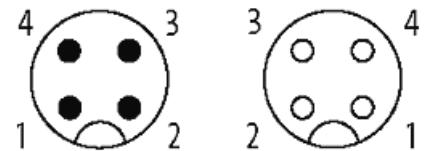
country of origin	DE
customs tariff number	85444290
EAN	4048879602389
eClass	27279218
Packaging unit	1

Sketch



Male

Female



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