

M12 female receptacle rear mount with cable

PUR 8x0.25 gy drag chain 3m

Flange female

Rear mounting

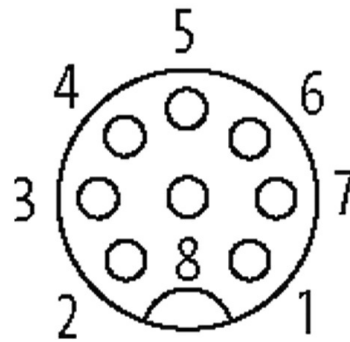
Further cable lengths on request.

M12, 8-pole

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

Illustration

Female



Product may differ from Image

Form

Form 17197

Cables

No./diameter of wires	8 x 0.25 mm ²
Wire isolation	PP (wh, br, gn, ye, gr, pk, bl, rd)
C-track properties	10 Mio.
Material (jacket)	PUR (UL/CSA)
Outer Ø	5.8 mm ±5%
Bend radius (moving)	10 x outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-25...+80 °C
Cable identification	292
Cable Type	3 (PUR)
Approval (cable)	cURus (AWM-Style 20549/10493); CE conform
Cable weight [g/m]	52,80
Material (wire)	Cu wire, bare
Resistor (core)	max. 79 Ω/km (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	32 x 0.1 mm (multi-strand wire class 6)
Diameter (core)	8 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	1.2 mm ±5%
Color/numbering of wires	br, wh, rd, bl, pk, gr, ye, gn
Stranding combination	8 wires twisted around central filler
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)	5.8 mm ±5%
Color (jacket)	gray
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	gray

Technical Data

Operating voltage	max. 30 V AC/DC
Rated surge voltage	0.8 kV
Operating current per contact	max. 2 A
No. of poles	8
Material group	IEC 60664-1, category I
Coding	A-coded
LED display	no
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW14)
Protection	IP67 inserted and tightened (EN 60529)
Protection NEMA	3, 4, 6P (UL 50E)
Locking material	Brass, nickel plated

General data

Pollution Degree	3
Stripping length (jacket)	60 mm
Temperature range	-25...+85 °C, depending on cable quality

Commercial data

country of origin	DE
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customs tariff number	85444290
EAN	4048879541251
eClass	27279220
Packaging unit	1

Sketch

1	white
2	brown
3	green
4	yellow
5	gray
6	pink
7	blue
8	red

1	brown
2	white
3	blue
4	black
5	gray
6	pink
7	violet
8	orange

Product may differ from Image