

MQ12 MALE 0° / MQ12 FEMALE 90°

PUR 3X0.34 GRAY, UL/CSA, drag ch 10m

Male straight – female 90°

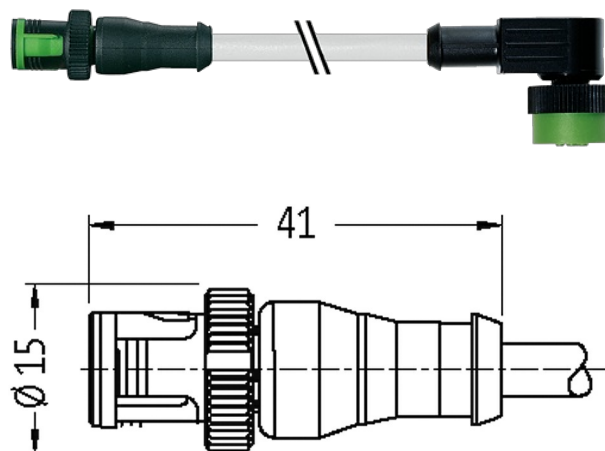
MQ12 – MQ12, 3-pole

with cable sleeves

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

Form

Form 40101

General data

Pollution Degree 3

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

Cables

No./diameter of wires	3 × 0.34 mm ²
C-track properties	10 Mio.
Wire isolation	PP (br, bl, bk)
Material (jacket)	PUR (UL/CSA)
Outer Ø	4.1 mm ±5%
Bend radius (moving)	10 × outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-25...+80 °C
Cable identification	233
Cable Type	3 (PUR)
Approval (cable)	cURus (AWM-Style 20549/10493); CE conform
Cable weight [g/m]	29,70
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 mm ²
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 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

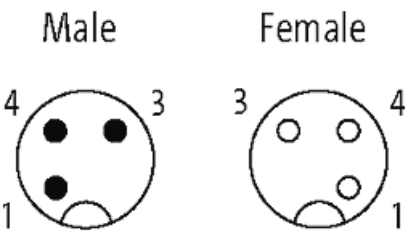
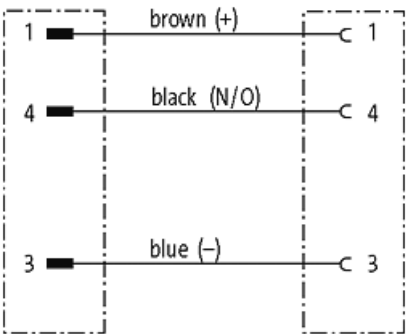
Technical Data

Operating voltage	max. 250 V AC/DC
Rated surge voltage	2.5 kV
Operating current per contact	max. 4 A
No. of poles	3
Material group	IEC 60664-1, category II
Coding	A-coded
Locking of ports	Quick connection, 1/4 turn
Compression gland	PA
Protection	IP65/IP67 inserted and tightened (EN 60529)
suitable for corrugated tube (internal Ø)	10 mm

Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879385916
eClass	27279218
Packaging unit	1

Sketch



Product may differ from Image