

**T-coupler M12 male / M12 male+cable+M12 female**

PUR 3x0.34 gy UL/CSA+drag chain 0,15m

T-coupler

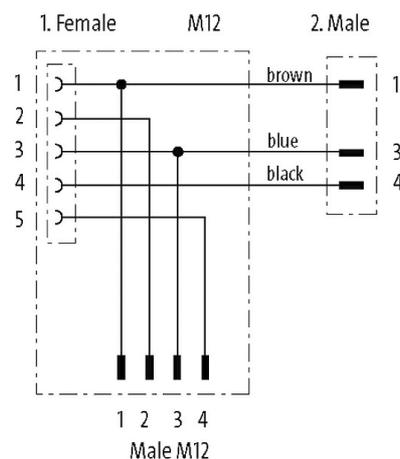
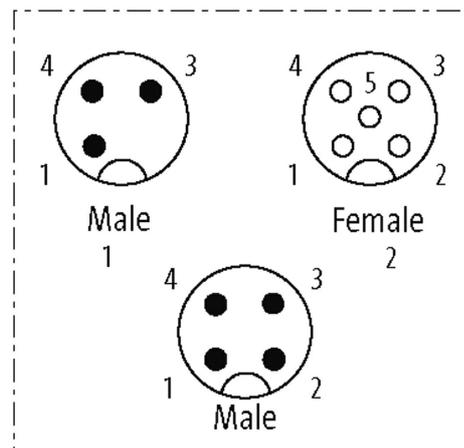
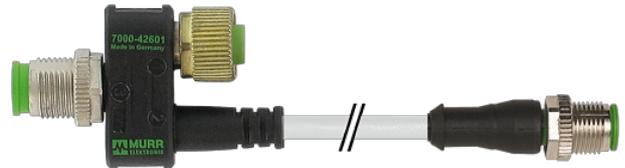
Male straight – female/male straight

M12 – M12, 4-pole

Connection cable 0.15 m

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.

**Illustration**

Product may differ from Image

**Form**

Form 42641

**Cables**No./diameter of wires 3 x 0.34 mm<sup>2</sup>

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 <sup>2</sup>
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 <sup>2</sup>
Torsion stress	±180 °/m
No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min
Jacket Color	gray
<b>Technical Data</b>	
Operating voltage	max. 30 V AC/DC
Operating current per contact	max. 4 A
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Protection	IP67 inserted and tightened (EN 60529)

Locking material Zinc die casting, matte nickel plated

Material PUR

#### General data

Temperature range -25...+85 °C

#### Commercial data

country of origin DE

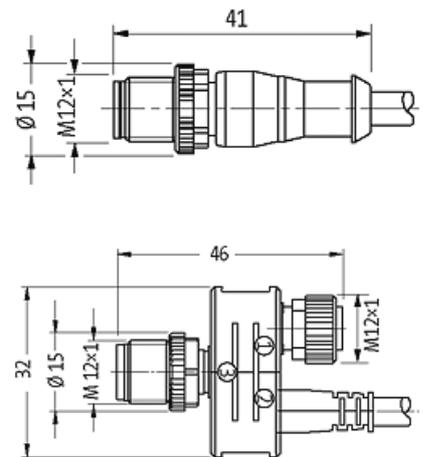
customs tariff number 85444290

EAN 4048879635738

eClass 27143423

Packaging unit 1

#### Sketch



Product may differ from Image