

M12 male 0° / M12 female 90° A-cod. shielded

PUR 4x0.5+2x0.25 shielded gn UL/CSA+drag ch. 0.5m

Cube67

Male straight – female 90°

M12 – M12, 6-pole

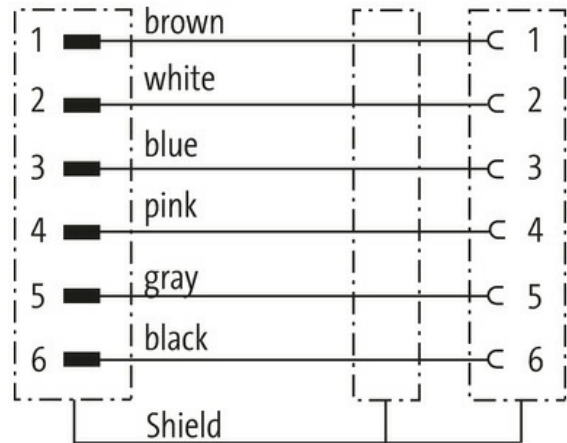
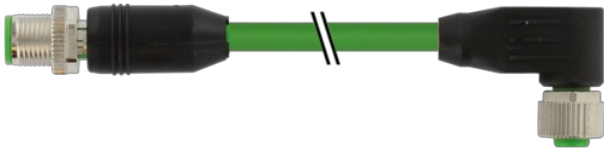
shielded

Hybrid cable

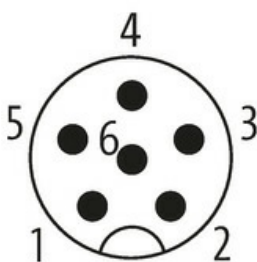
Plastic housings with good resistance against chemicals and oils.

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

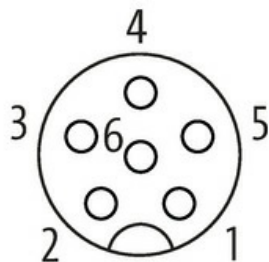
Further cable lengths on request.

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

Male



Female





Product may differ from Image



* only for products with UL/CSA approved cable

Form

Form 46051

Technical Data

Operating voltage	max. 30 V AC/DC
Operating voltage (only UL listed)	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
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)
Protection	IP66K, IP67 inserted and tightened (EN 60529)
Material	PUR
Locking material	Zinc die casting, nickel-plated

General data

Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality

Cables

No./diameter of wires	4× 0.5 + 2× 0.25 mm ²
Wire isolation	TPE (bl, wh, br, bk), (gr, pk)
C-track properties	5 Mio.
Outer Ø	7.9 mm ±5%
Cable identification	802
Approval (cable)	cRUus (AWM style 20549/10042); CE compliant
Cable weight [g/m]	95,7 g
Material (wire)	Cu wire, bare
Single wire Ø (core)	0.15 mm (0.5 mm ²); 0.1 mm (0.25 mm ²)
Construction (core)	28× 0.15 mm (0.5 mm ²); 32× 0.1 mm (0.25 mm ²); (multi-strand wire class 6)
Diameter (core)	4× 0.5 + 2× 0.25 mm ²
AWG	similar to AWG 20 (0.5 mm ²); similar to AWG 24 (0.25 mm ²)
Material (wire isolation)	TPE-E
Shore hardness (wire isolation)	55 ±5 D
Wire-Ø incl. isolation	1.5 mm ±5% (0.5 mm ²); 1.4 mm ±5% (0.25 mm ²)
Color/numbering of wires	(bl, wh, br, bk) + (gr, pk)

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 03/22

Shield	yes
optical shield cover	min. 80%
Material (jacket)	PUR
Material property (jacket)	CFC-, halogen-, cadmium-, silicone-free, matt, low-adhesion, machine easy to process, abrasion-resistant
Shore hardness (jacket)	89 ±5 A
Outer-Ø (jacket)	7.9 mm ±5%
Color (jacket)	green
Jacket Color	green
Nominal voltage	300 V AC
Test voltage	1500 V (wire/wire); 1200 V (wire/shield)
Temperature range (fixed)	-50...+80 °C
Temperature range (fixed)	-50...+80 °C
Temperature range (mobile)	-40...+80 °C
Temperature range (mobile)	-40...+80 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
Bend radius (moving)	10× outer Ø
No. of bending cycles (C-track)	max. 5 Mio. (25 °C)
Travel speed (C-track)	max. 2 m/s
Torsion stress	±180°/m
Material (jacket)	PUR (UL/CSA)

Commercial data

country of origin	HU
customs tariff number	85444290
EAN	4048879783286
eClass	27061801
Packaging unit	1.000