

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

PUR 4x0.5+2x0.25 shielded gn UL/CSA+drag ch. 3m

Cube67 Male 90° - female 90° M12 - M12, 6-pole A-coded shielded Hybrid cable

Plastic housings with good resistance against chemicals and oils.

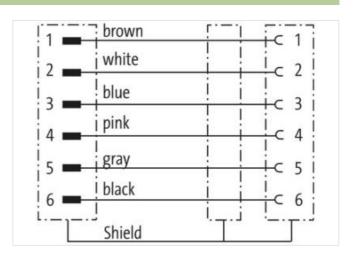
The resistance to aggressive media should be individually tested for your application. Further details on request.

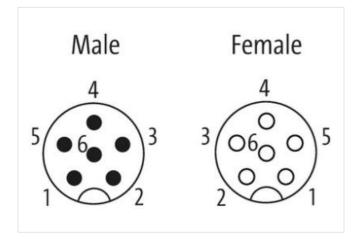
Further cable lengths on request.

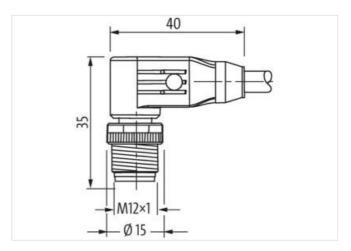
Link to Product

Illustration



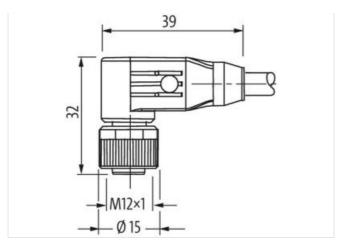








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Product may differ from Image





Form 46061 Technical Data Operating voltage max. 30 V AC/DC Operating voltage (only UL listed) 30 V AC/DC Rated surge voltage 0.8 kV Operating current per contact max. 4 A No. of poles 6 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 Protection IP65 and IP67 when plugged and screwed down (EN 60529) Locking of ports Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) without Compression gland M12 (SW13) General data Wounting method Material (contact) Copper alloy Material (contact) Copper alloy Material (contact) Copper alloy Material (contact) FKM Pollution Degree 3 Temperature range -25 +85 °C, depending on cable quality Cable dentification 802 Approval (cable) <	Form	
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Rated surge voltage	Operating voltage	max. 30 V AC/DC
Operating current per contact max. 4 A No. of poles 6 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 Protection IP65 and IP67 when plugged and screwed down (EN 60529) Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) without Compression gland M12 (SW13) General data William (Contact) Material (contact) Copper alloy Material (contact surface) Au Material (gasket) FKM Pollution Degree 3 3 1 remperature range -25+85 °C, depending on cable quality Cables Cables (dentification 802 Approval (cable) Cable (weight [g/m] 95.7 g Material (wire) Cu wire, bare Single wire Ø (core) 0.15 mm (0.5 mm²); 0.1 mm (0.25 mm²) Gonstruction (core) 28.0 1.5 mm (0.5 mm²); 32× 0.1 mm (0.25 mm²); (multi	Operating voltage (only UL listed)	30 V AC/DC
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Diameter (core) $4 \times 0.5 + 2 \times 0.25 \text{ mm}^2$ AWG similar to AWG 20 (0.5 mm²); similar to AWG 24 (0.25 mm²)	Single wire Ø (core)	0.15 mm (0.5 mm²); 0.1 mm (0.25 mm²)
AWG similar to AWG 20 (0.5 mm²); similar to AWG 24 (0.25 mm²)	Construction (core)	28× 0.15 mm (0.5 mm²); 32× 0.1 mm (0.25 mm²); (multi-strand wire class 6)
	Diameter (core)	$4 \times 0.5 + 2 \times 0.25 \text{ mm}^2$
Material (wire isolation) TPE-E	AWG	similar to AWG 20 (0.5 mm²); similar to AWG 24 (0.25 mm²)
	Material (wire isolation)	TPE-E

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: 2023-02-08



Shore hardness (wire isolation)	55 ±5 D
Wire-Ø incl. isolation	1.5 mm ±5% (0.5 mm²); 1.4 mm ±5% (0.25 mm²)
Color/numbering of wires	(bl, wh, br, bk) + (gr, pk)
Shield	yes
Shield (Type)	Copper braid
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
Nominal voltage	300 V AC
Test voltage	1500 V (wire/wire); 1200 V (wire/shield)
Temperature range (fixed)	-50+80 °C
Temperature range (mobile)	-40+80 °C
Bend radius (fixed)	5× 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
Product article number of manufacturer	7000-46061-8020300
Cable length	3 m