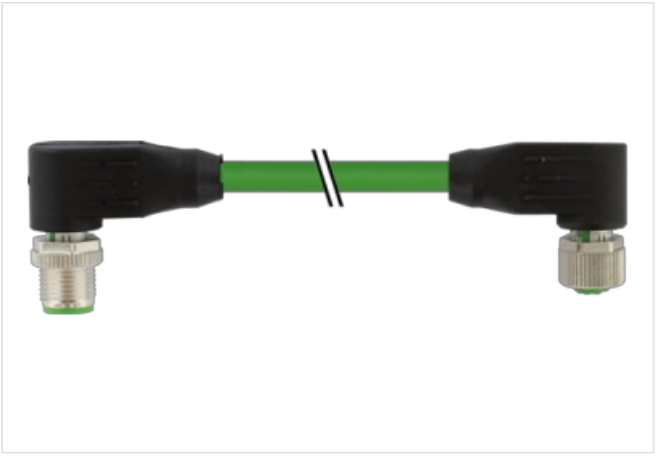
M12 male 90° / M12 female 90° A-cod. shielded

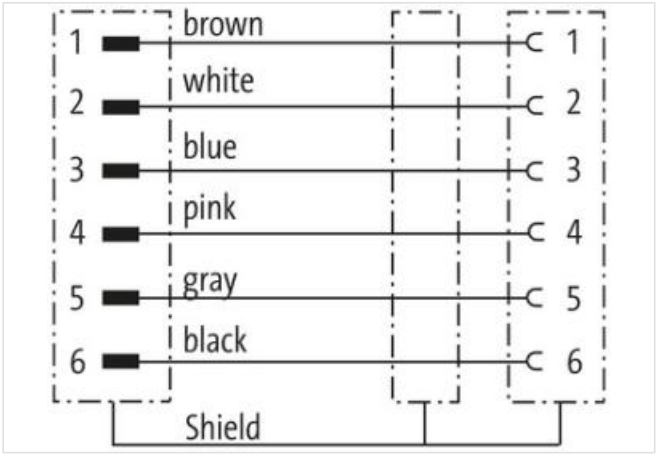
PUR 4x0.5+2x0.25 shielded gn UL/CSA+drag ch. 3m

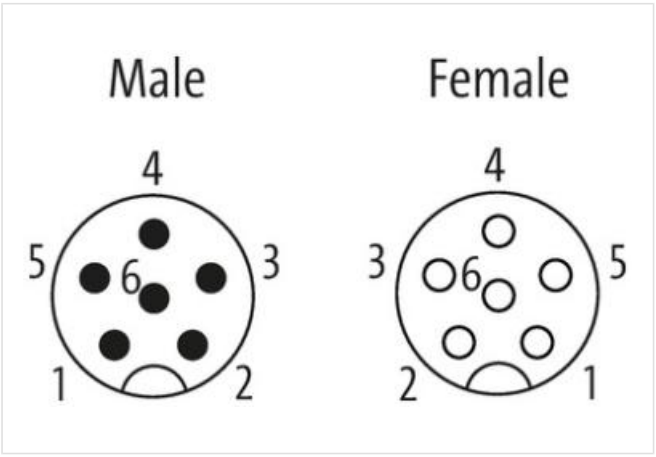
Cube67
Male 90° – female 90°
M12 – M12, 6-pole
A-coded
shielded
Hybrid cable
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.
Further cable lengths on request.

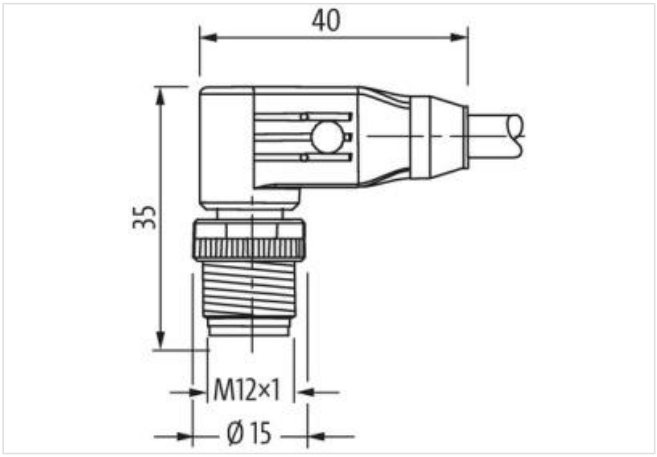
Link to Product

Illustration

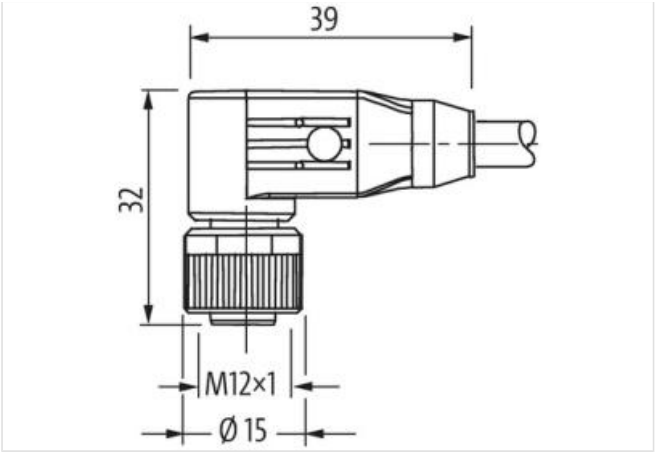








MURR ELEKTRONIK
stay connected



Product may differ from Image

Form	
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 material	Zinc die casting, matte nickel plated
suitable for corrugated tube (internal Ø)	without
Compression gland	M12 (SW13)
General data	
Mounting method	inserted, tightened
Material (contact)	Copper alloy
Material (contact surface)	Au
Material (gasket)	FKM
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality
Cables	
Cable identification	802
Approval (cable)	cURus (AWM-Style 20549/10493); CE conform
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)
Construction (core)	28× 0.15 mm (0.5 mm²); 32× 0.1 mm (0.25 mm²); (multi-strand wire class 6)
Diameter (core)	4× 0.5 + 2× 0.25 mm²
AWG	similar to AWG 20 (0.5 mm²); similar to AWG 24 (0.25 mm²)
Material (wire isolation)	TPE-E

MURR ELEKTRONIK
stay connected

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