

M12 Steel male 90° A-cod. with cable

TPE-S 4x0.34 gy 3m

Art.No.: 7044-12101-3360300

Weight: 0.147

Country of origin: CZ

Model designation: MSCL0-T336_3.0-S44

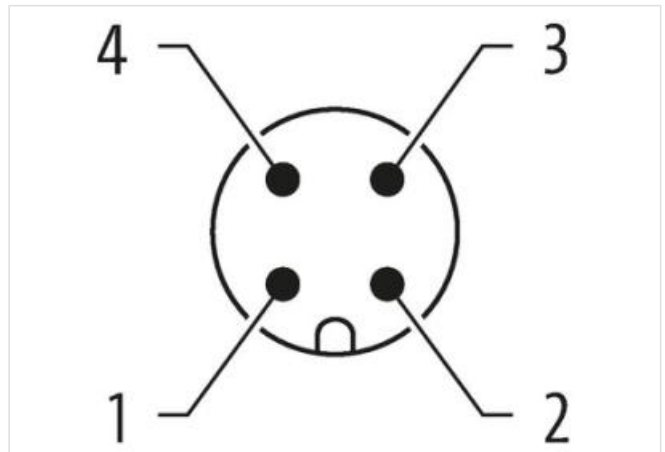
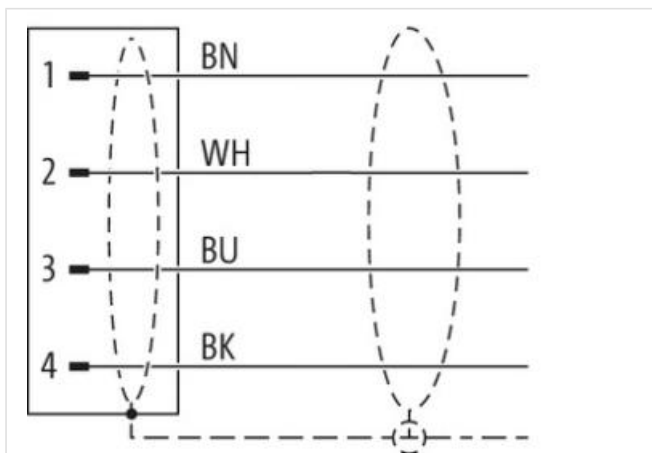
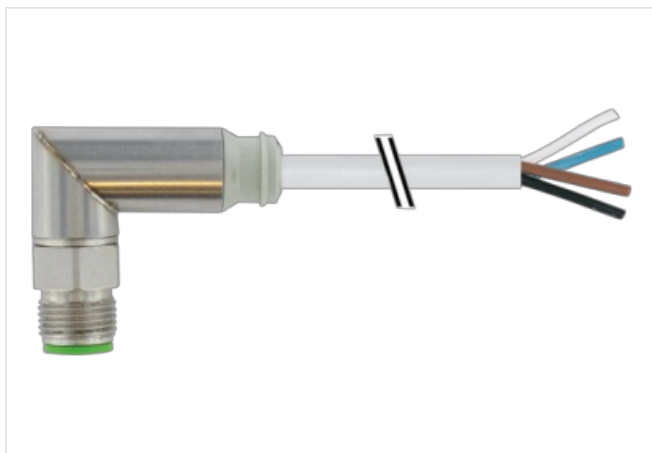
F&B-Steel

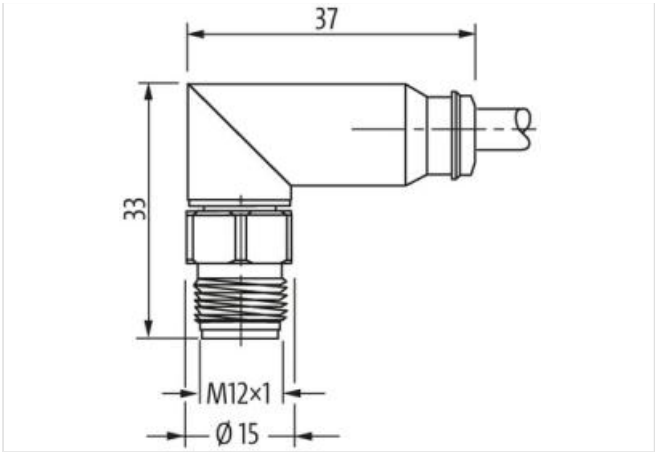
Male 90°

M12, 4-pole

with cable sleeves

Further cable lengths on request.

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



Product may differ from Image

Cable length	3 m
Side 1	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
Coding	A
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP68, IP69K
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
customs tariff number	85444290
EAN	4048879720922
EAN	4048879720922
Packaging unit	1
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	32 V
Operating voltage DC max.	32 V
Current operating per contact max.	4 A
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Locking material	Stainless steel 1.4404 (V4A)
Mechanical data Mounting data	

Mounting method inserted, screwed, Shaking protection

Environmental characteristics | Climatic

Operating temperature min.	-40 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

Important installation notes

Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.

Installation | Cable

wire arrangement	brown, white, blue, black
Cable identification	336
Jacket Color	gray
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, white, blue, black
Cable weight	43,01 g/m
Material jacket	TPE-S
Shore hardness jacket	80 ± 5 Shore A
Outer-diameter (jacket)	5,2 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	TPE-S
Amount wires	4
Outer diameter insulation	1,5 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	90 ± 5 Shore A
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free
Amount strands (wire)	180
Diameter of single wires	0,05 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-50 °C
Max. operating temperature (fixed)	125 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	105 °C
Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter