

M12 Steel male 0° A-cod. with cable

TPE-S 4x0.34 gy 3m

Art.No.: 7044-12021-3360300

Weight: 0.129

Country of origin: CZ

Model designation: MSAL0-T336_3.0-S44

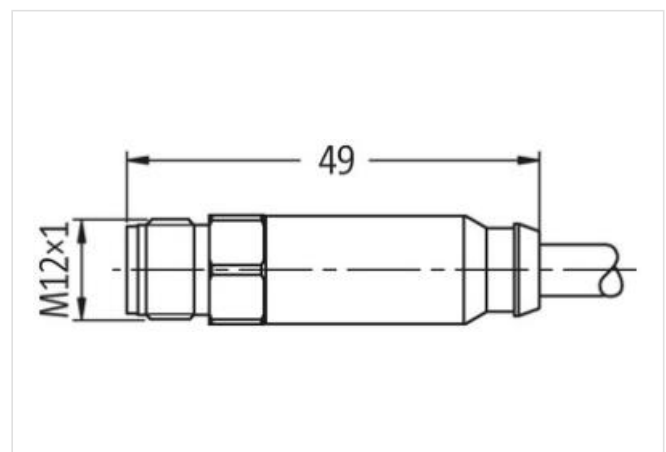
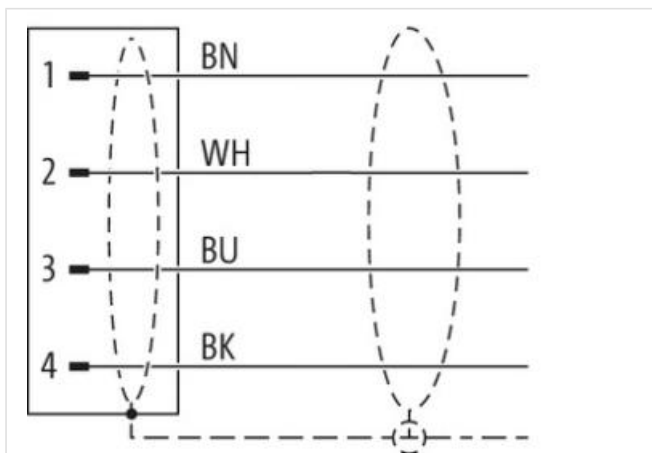
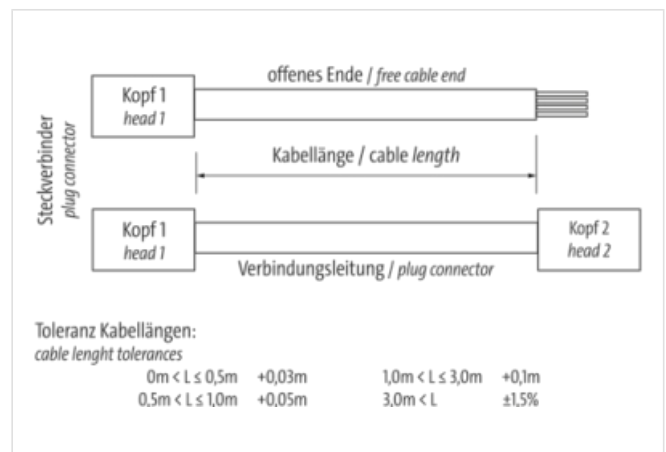
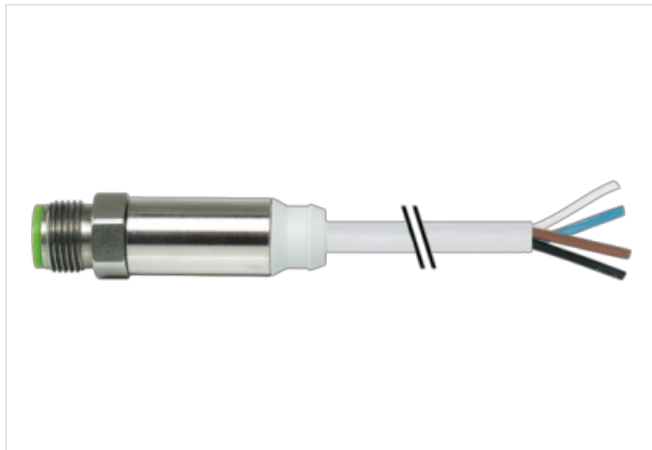
F&B-Steel

Male straight

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
Side 2	
Stripping length (jacket)	20 mm
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	4048879107938
EAN	4048879107938
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
Installation Connection	
Stripping length (jacket)	20 mm
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV

Material group (IEC 60664-1)

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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