

**M12 female 0° A-cod. with cable**

PUR 4x0.34 bk UL/CSA+drag ch. 5m

Art.Nr.: 7000-12221-6340500

Vikt: 0,157 kg

Tillverknings land: DE

Modellbeteckning: MSBL0-T634\_5.0

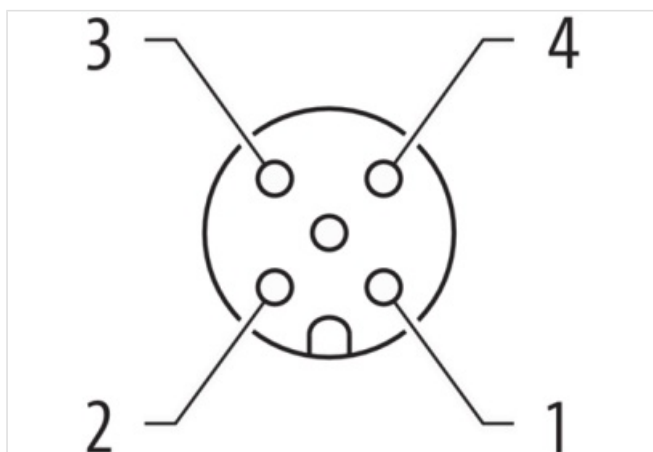
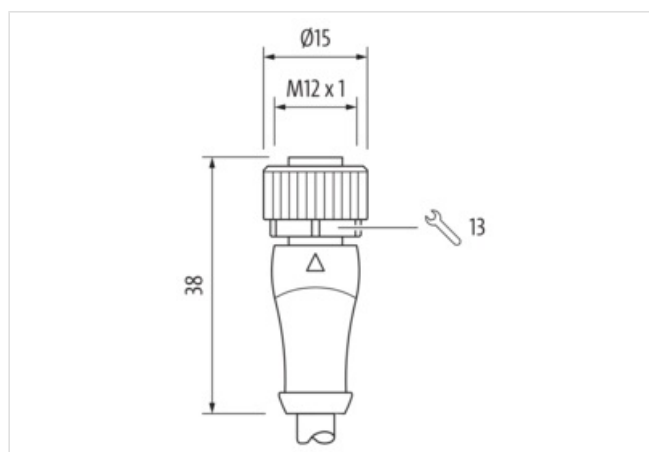
Hona rak

M12, 4-polig

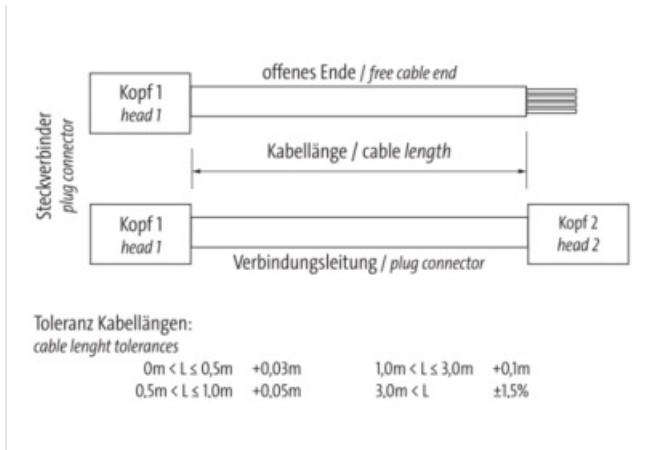
Husmaterialet är i plast med god kemisk-och oljebeständighet

Vid förekomst av aggressiv media är materialbeständighet applikationsavhängig och ska undersökas. Vidare information på begäran.

Ytterligare kabellängder kan fås på begäran.

**[Länk till produkt](#)****Illustration**

1	BN
2	WH
3	BU
4	BK



Produkten kan skilja sig från bilden



**Kommersiella uppgifter**

Material short text	MSBL0-T634_5.0
URL Webshop	<a href="https://shop.murrelektronik.com/7000-12221-6340500">https://shop.murrelektronik.com/7000-12221-6340500</a>
GTIN	4048879212106
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-7.1	27279218
ECLASS-8.0	27279218
ECLASS-8.1	27279218
ECLASS-9.0	27060311
ECLASS-9.1	27060311
ECLASS-10.0.1	27060311
ECLASS-10.1	27060311
ECLASS-11.0	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ECLASS-13.0	27060311
ECLASS-14.0	27060311
ETIM-5.0	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855
EAN	4048879212106
Förpackningsenhet	1
Kundens tullnummer	85444290

Kabellängd	5,00 m
------------	--------

**Side 1**

Family construction form	M12
Antal poler	4
Kodning	A
Gender	female

Monteringsmetod	inserted, screwed
Threaded hole	M12 x 1
Tightening torque	0,6 Nm
Width across flats	SW13
Kabelanslutning	rak
suitable for corrugated tube (internal Ø)	10 mm
Material	PUR
Material contact	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
<b>Side 2</b>	
Family construction form	free cable end
Stripping length (jacket)	20 mm
<b>Electrical data   Supply</b>	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Current operating per contact max.	4 A
<b>Diagnostics</b>	
Status indication LED	No
<b>Installation   Connection</b>	
Gender	female
Monteringssats	M12 x 1
<b>Device protection   Electrical</b>	
Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
Additional condition protection degree	inserted, screwed
Försmutningsgrad	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	I
<b>Mechanical data   Material data</b>	
Material screw connection	Zinc die-casting
Coating of fitting	nickel plated
Låsningmaterial	Zinc die-casting
Coating locking	Nickeled
Material guarnizione	FKM
<b>Mechanical data   Mounting data</b>	
Monteringsmetod	inserted, screwed, Shaking protection
<b>Environmental characteristics   Climatic</b>	
Operating temperature min.	-30 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
<b>Important installation notes</b>	
Note on bending radius	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
<b>Conformity</b>	
Product standard	EN IEC 61076-2-101 (M12)
<b>Installation   Cable</b>	
Cable identification	634
Kabeltyp	3
Stranding	1 x 4 wires stranded

Wire arrangement	brown, black, blue, white
Cable weight	27,6 g/m
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 0,05 mm
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	halogenfri
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Outer-diameter (jacket)	4,5 mm
Tolerance outer diameter (sheath)	± 5 %
Material mantel	PUR
Durezza rivestimento	90 ± 5 Shore A
Freedom from ingredients (jacket)	halogenfri
Material property (jacket)	abrasion-resistant, low adhesion, good machinability, matte
Conductor resistance (wire)	57 Ω/km @ 20 °C
Nominal voltage max.	300 V
Withstand voltage (wire - wire)	2.5 kV @ 60 s
Withstand voltage (wire - jacket)	2.5 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	4,8 A
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (drag chain)	-25 °C
Operating temperature max. (drag chain)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1090, CSA FT2, IEC 60332-2-2
Oil resistance	IEC 60811-404
Chemical resistance	good
Other resistances	good resistance to gasoline, resistant to hydrolysis, resistant to microbes
Böjradie (fixerad)	5 × Outer diameter
Böjradie (vid rörelse)	10 × Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Travel speed (C-track)	3 m/s @ 25 °C
Acceleration (C-track)	10 m/s <sup>2</sup> @ 25 °C
No. of torsion cycles	5 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min