

## M12 male 0° / M12 female 0° A-cod.

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

Art.No.: 7000-40021-6340500

Weight: 0.202 Country of origin: US

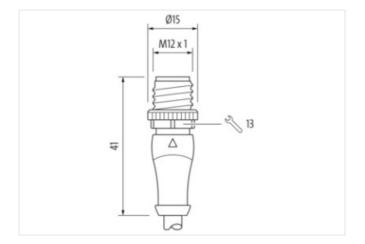
Model designation: MSBL0-A-T634\_5.0

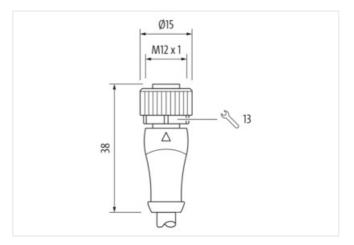
## **Link to Product**

## Illustration



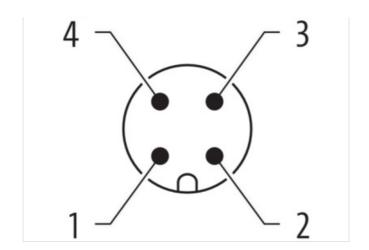


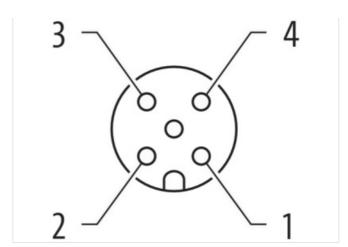


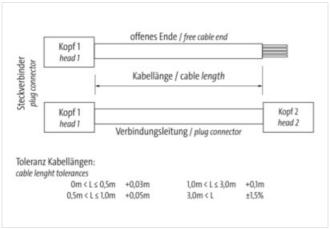


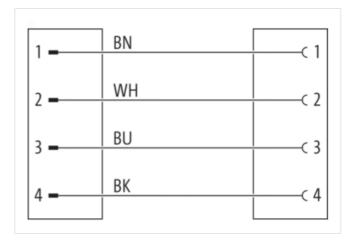


stay connected









Product may differ from Image















Header	
Cable length	5.0 m
Side 1	
Family construction form	M12
No. of poles	4
Coding	A
Gender	male
Mounting method	inserted, screwed
Thread	M12 x 1
Tightening torque	0.6 Nm
Width across flats	SW13
Cable outlet	straight
suitable for corrugated tube (internal $\emptyset$ )	10 mm
Material	PUR
Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
Side 2	
Family construction form	M12
No. of poles	4



stay connected

Coding	A
Gender	female
Mounting method	inserted, screwed
Thread	M12 x 1
Tightening torque	0.6 Nm
Width across flats	SW13
Cable outlet	straight
suitable for corrugated tube (internal Ø)	10 mm
Material	PUR
Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-40021-6340500
GTIN	4048879183352
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	4048879183352
Electrical data   Supply	
	OTO V
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Installation   Connection	
Mounting set	M12 x 1
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	
Color contact carrier	green
Material screw connection	Zinc die-casting
Coating of fitting	nickel plated
Locking material	Zinc die-casting



Coating locking Nickeled Mechanical data | Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics | Climatic -30 °C Operating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be Note on bending radius 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. Conformity Product standard DIN EN 61076-2-101 (M12) Installation | Cable Cable identification 634 Cable Type 3 Amount stranding Stranding 4 wires stranded Wire arrangement brown, black, blue, white Cable weigth 36.3 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 Ingredient freeness wire insulation CFC-free, cadmium-free, silicone-free, halogen-free, lead-free 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 jacket PUR Shore hardness jacket 90 Freedom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Material property (jacket) matte, good machinability, abrasion-resistant, low adhesion Conductor resistance (wire) 57 Ω/km @ 20 °C Nominal voltage AC 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 min. wire 4.8 A Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 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)

Operating temperature max. (drag chain)

Flame resistance

Chemical resistance

Oil resistance

IEC 60811-404

-25 °C

good

80 °C / 90 °C @ 10000 h Operation

UL 1581 § 1090, CSA FT2, IEC 60332-2-2



Other resistances	good resistance to gasoline, resistant to hydrolysis, resistant to microbes
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	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/s² @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	180 °/m
Torsion speed	35 cycles/min