MURR ELEKTRONIK
stay connected

M12 female 0° A-cod. screw terminal

4-pol., max. 0,75mm² 4 - 6mm

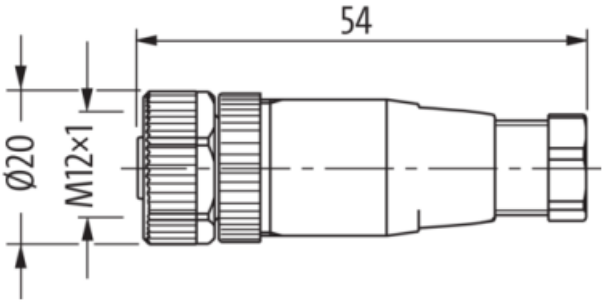
Art.No.: 7000-12901-0000000
Weight: 0.025 kg
Country of origin: DE
Model designation: MSB-T7

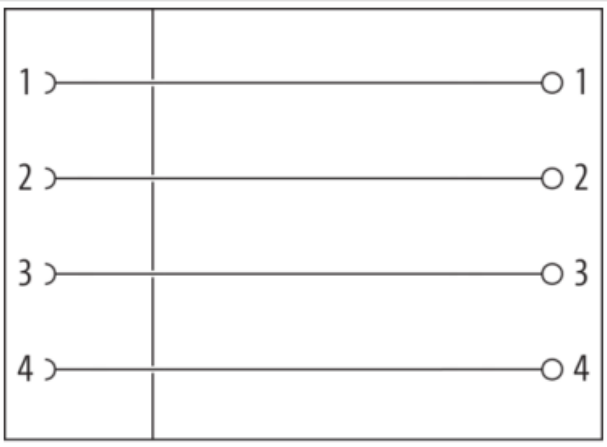
Female straight
M12, 4-pole
Screw terminals
Sealing range (cable Ø): 4...6 mm
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

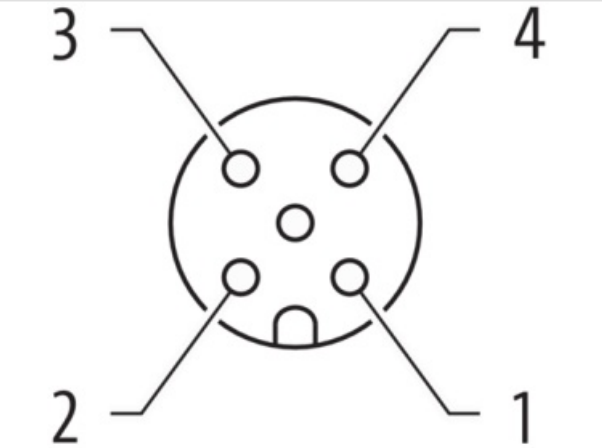
Link to Product

Illustration









Product may differ from Image

Header

Material short text	MSB-T7

The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2026-01-07

MURR ELEKTRONIK
stay connected

Side 1	
Family construction form	M12
No. of poles	4
Coding	A
Gender	female
Mounting method	Field-wireable
Threaded hole	M12
Tightening torque	0,6 Nm
Width across flats	SW18
Cable outlet	straight
Material	PA
Material contact	Brass
Degree of protection (EN IEC 60529)	IP67
Side 2	
Mounting method	Field-wireable
Cable outlet	straight
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-12901-0000000
GTIN	4048879201568
ECLASS-6.0	27279221
ECLASS-6.1	27260702
ECLASS-7.0	27440102
ECLASS-7.1	27440102
ECLASS-8.0	27440102
ECLASS-8.1	27440102
ECLASS-9.0	27440116
ECLASS-9.1	27440106
ECLASS-10.0.1	27440106
ECLASS-10.1	27440102
ECLASS-11.0	27440106
ECLASS-11.1	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440106
ECLASS-14.0	27440106
ETIM-5.0	EC002635
ETIM-6.0	EC002635
ETIM-7.0	EC002635
ETIM-8.0	EC002635
customs tariff number	85366990
EAN	4048879201568
Packaging unit	1
customs tariff number	85366990
EAN	4048879201568
Packaging unit	1
Electrical data | Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Current operating per contact max.	4 A
Installation	
Connection cross section max.	0,75 mm²
Cross section connection without wire end ferrule AWG max.	18 AWG
Installation | Connection	

The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2026-01-07

Tightening torque	0,6 Nm
Device protection	
Shielded	No
Device protection | Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Overvoltage category (EN 60664-1)	II
Rated surge voltage	2,5 kV
Insulation resistance min.	100 mΩ
Material group (IEC 60664-1)	III
Mechanical data | Mounting data	
Height	54 mm
Width	20 mm
Depth	20 mm
Mounting method	inserted, screwed, Shaking protection
Clamping range min.	4 mm
Clamping range max.	6 mm
Environmental characteristics | Climatic	
Operating temperature min.	-40 °C
Operating temperature max.	85 °C
Important installation notes	
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.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on mounting	The plug connectors must not be connected or disconnected under load. Non-compliance and improper use can result in personal injury., The user must take suitable safety precautions to ensure that the plug connector cannot be accidentally disconnected., To
Conformity	
Product standard	EN IEC 61076-2-101 (M12)

The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2026-01-07