M12 female 90° A-cod. Push-Lock

4-pol., 0.14 - 0.75mm², 4 - 8mm

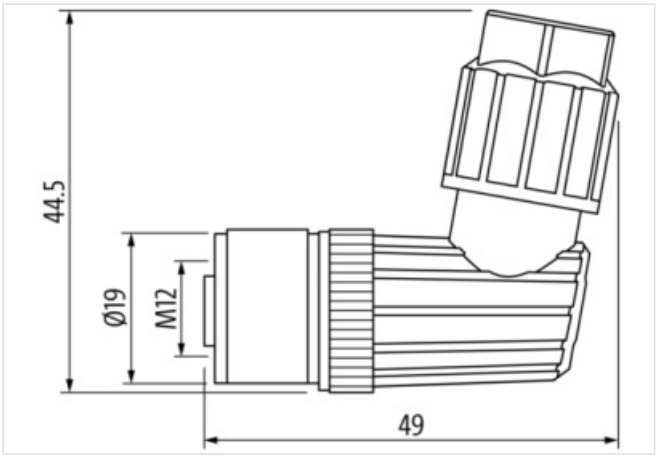
Art.No.: 7000-13851-0000000
Weight: 0,022 kg
Country of origin: DE
Model designation: MSDL0-U-Push-Lock

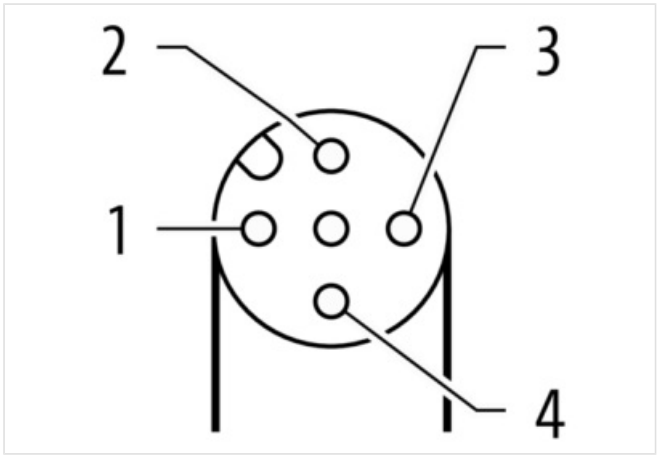
Female 90°
M12, 4-pole
A-coded
Push-Lock spring clamp connection
Sealing range (cable Ø): 4...8 mm
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

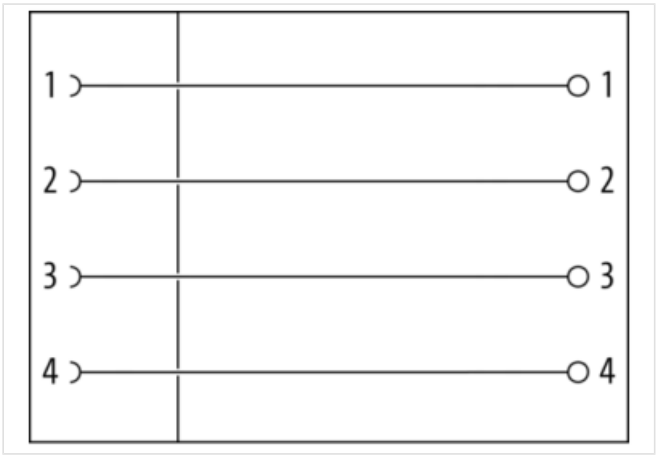
Link to Product

Illustration









Product may differ from Image

Side 1-1

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Family construction form	M12
No. of poles	4
Coding	A
Gender	female
Mounting method	inserted, screwed
Threaded hole	M12 x 1
Tightening torque	0.4 Nm
Cable outlet	angled
Material contact	Bronze
Degree of protection (EN IEC 60529)	IP67, IP65
Side 2-2	
Family construction form	Push-Lock spring clamp connection
Mounting method	Field-wireable
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-13851-0000000
GTIN	4065909167816
EU-Customs tariff number	85366990
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	27060312
ECLASS-10.0.1	27060312
ECLASS-10.1	27060312
ECLASS-11.0	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312
ECLASS-13.0	27060312
ECLASS-14.0	27060312
ETIM-5.0	EC002635
ETIM-6.0	EC002635
ETIM-7.0	EC002635
ETIM-8.0	EC002635
ETIM-9.0	EC002635
ETIM-10.0	EC002635
customs tariff number	85366990
EAN	4065909167816
Packaging unit	1
Electrical data	
Contact resistance max.	5 mΩ
Electrical data | Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Current operating per contact (UL)	4 A
Diagnostics	
Status indication LED	No
Installation	
Rotation option	45° (8 outlet directions)
Cross section connection with wire end ferrule min.	0.14 mm²

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Cross section connection with wire end ferrule max.	0.5 mm²
Cross section connection with wire end ferrule AWG min.	26 AWG
Cross section connection with wire end ferrule AWG max.	20 AWG
Cross section connection without wire end ferrule min.	0.14 mm²
Cross section connection without wire end ferrule max.	0.75 mm²
Cross section connection without wire end ferrule AWG min.	26 AWG
Cross section connection without wire end ferrule AWG max.	18 AWG
Installation | Connection	
Width across flats	SW18
Mating cycles min.	100
Connection information	Push-Lock spring clamp connection
Installation | Pin assignment	
Coding	A
Device protection | Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Overvoltage category (EN 60950-1)	II
Rated surge voltage	2.5 kV
Insulation resistance min.	100 mΩ
Mechanical data | Material data	
housing	PA
Material contact carrier	PA66
Coating contact	gold plated
Screw connection	Zinc die-casting
Coating of fitting	nickel plated
Gasket	NBR
Combustibility class (UL94)	V-0
Mechanical data | Mounting data	
Mounting method	inserted, screwed, Shaking protection
Clamping range min.	4 mm
Clamping range max.	8 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 wires can be connected with or without wire end ferrules.
Conformity	
Product standard	EN IEC 61076-2-101 (M12)
Shock and vibration resistance	EN 50155
Fire protection	EN 45545-2, HL1-HL3, requirement sets R22, R23, R24

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