M8 female 0° A-cod. IDC

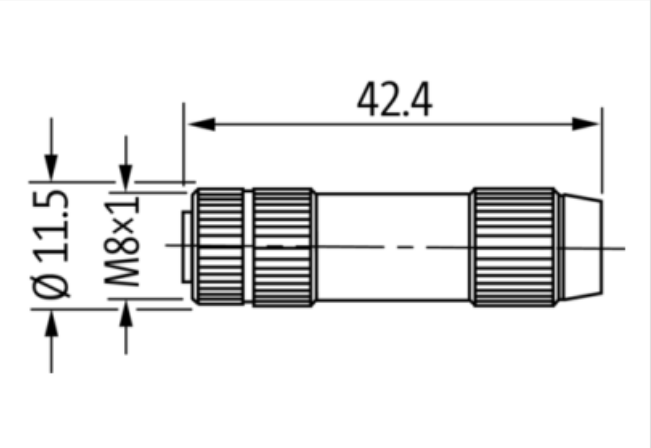
3-pol., 0,14 - 0,34mm², 2,5 - 5,1mm

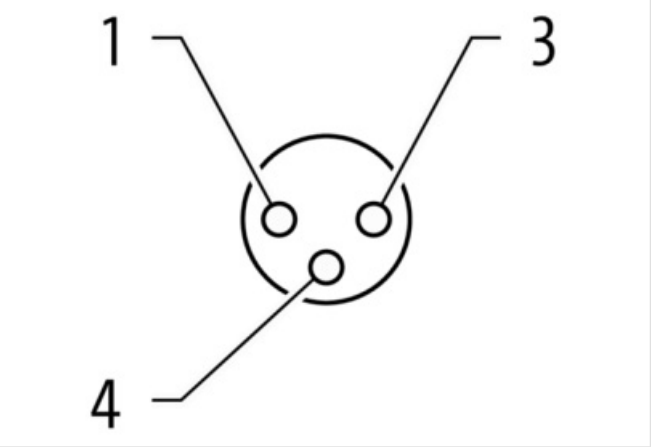
Art.No.: 7000-08371-0000000
Weight: 0.015 kg
Country of origin: DE
Model designation: MSFL0-AC-R MOSA 0,14-0,34qmm

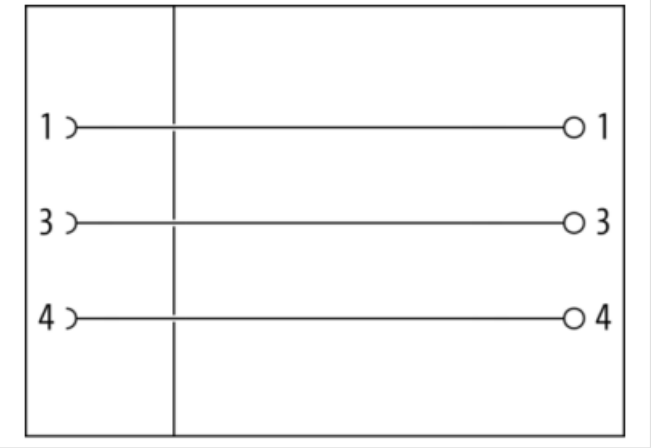
IDC terminals
Female straight
M8, 3-pole
Connection cross section: 0.14...0.34 mm²
Sealing comb included in delivery

Link to Product

Illustration







Product may differ from Image

Side 1-1

Family construction form	M8
No. of poles	3

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Coding	A
Gender	Female
Mounting method	Inserted, Screwed
Thread	M8x1
Tightening torque	0.4 Nm
Width across flats	SW 9
Cable outlet	straight
Material	PA
Material contact	Copper alloy
Degree of protection (EN IEC 60529)	IP67
Side 2-2	
Mounting method	Field-wireable
Commercial data	
URL webshop	https://shop.murrelektronik.com/7000-08371-0000000
GTIN	4048879224697
EU-Customs tariff number	85366990
US-Customs tariff number	8536694020
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
ETIM-9.0	EC002635
ETIM-10.0	EC002635
customs tariff number	85366990
EAN	4048879224697
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	
Single wire diameter min.	0.1 mm
Connection cross section min.	0.14 mm²
Connection cross section max.	0.34 mm²
Installation | Connection	
Connection type	Cut clamps IDC

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Tightening torque	0.4 Nm
Mounting thread	M8x1
Mating cycles min.	100
Wire insulation diameter min.	1 mm
Wire insulation diameter max.	1.6 mm
Installation | Pin assignment	
Assignment	Fully used
Device protection	
Shielded	No
Device protection | Electrical	
Additional condition degree of protection	Inserted, Screwed
Pollution degree	3
Overvoltage category (EN 60950-1)	III
Rated surge voltage	0.8 kV
Insulation resistance min.	100 mΩ
Insulating material group (IEC 60664-1)	I
Mechanical data | Material data	
Locking material	Zinc die-casting
Coating locking	Matt nickel-plated
Mechanical data | Mounting data	
Height	42.5 mm
Width	1.8 mm
Depth	11.8 mm
Mounting method	Inserted, Screwed, Shaking protection
Clamping range min.	2.5 mm
Clamping range max.	5.1 mm
Environmental characteristics | Climatic	
Operating temperature min.	-25 °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.
Conformity	
Product standard	EN/IEC 61076-2-104 (M8)

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