M8 male 0° A-cod. IDC

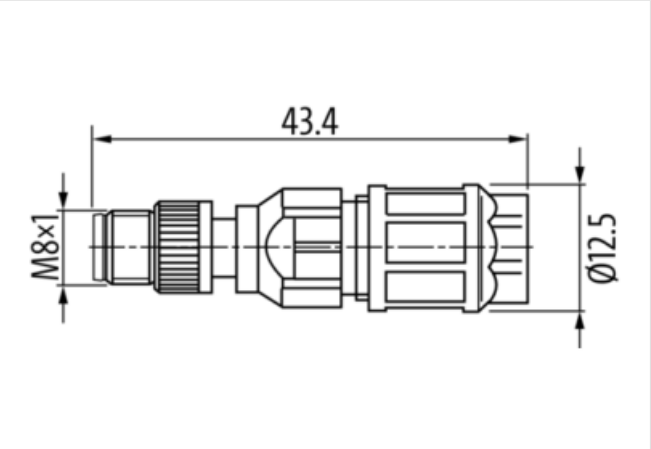
3-pol., 0,25 - 0,5mm², 2,5 - 5mm

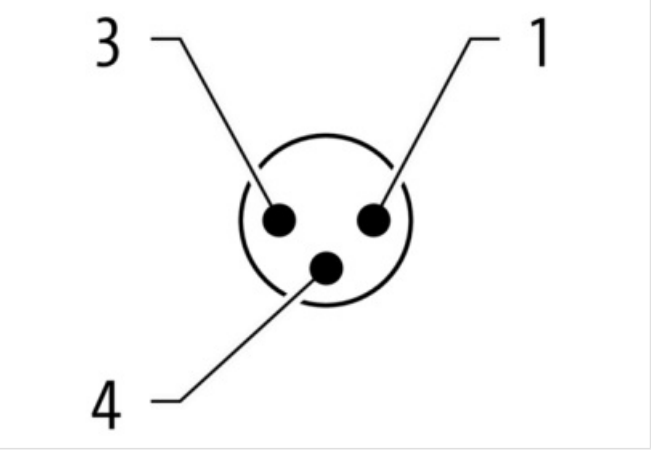
Art.No.: 7000-08325-0000000
Weight: 0.008 kg
Country of origin: DE
Model designation: MSHL0-AC-R IDC 0,25-0,5mm²

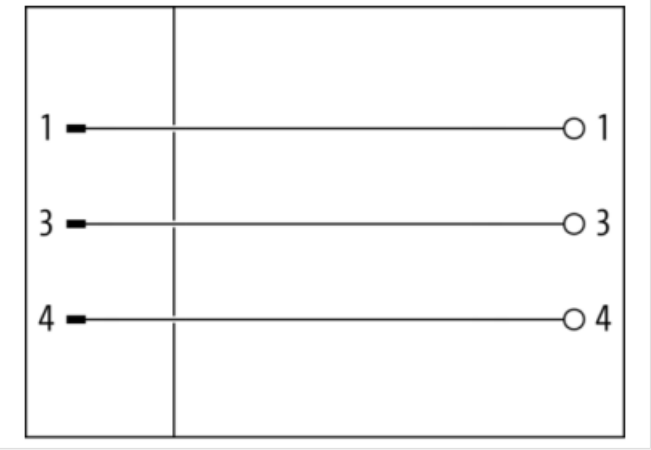
IDC terminals
Male straight
M8, 3-pole
Connection cross section: 0.25...0.5 mm²

[Link to Product]

Illustration







Product may differ from Image

Side 1

Family construction form	M8
No. of poles	3
Coding	A

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Gender	male
Mounting method	inserted, screwed
Cable outlet	straight
Material	PA
Material contact	Copper alloy
Degree of protection (EN IEC 60529)	IP67, IP65
Side 2	
Mounting method	Field-wireable
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-08325-0000000
GTIN	4048879784689
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	4048879784689
Packaging unit	1
Electrical data | Supply	
Operating voltage AC max.	48 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A
Installation	
Connection cross section min.	0,25 mm²
Connection cross section max.	0,5 mm²
Installation | Connection	
Connection	Cut clamps IDC
Mounting set	M8 x 1
Mating cycles min.	100
Wire insulation diameter min.	1,1 mm
Wire insulation diameter max.	1,55 mm
Device protection | Electrical	

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Additional condition protection degree	inserted, screwed
Pollution Degree	3
Overvoltage category (EN 60950-1)	II
Rated surge voltage	0,8 kV
Insulation resistance min.	100 mΩ
Material group (IEC 60664-1)	III
Mechanical data | Material data	
Material contact carrier	TPU
Coating contact	gold plated
Locking material	Zinc die-casting
Coating locking	Nickeled
Gasket	NBR
Mechanical data | Mounting data	
Mounting method	Hexagonal screw, Hexagonal nut
Looking techniques	Schraubgewinde
Clamping range min.	2,5 mm
Clamping range max.	5 mm
Environmental characteristics | Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	80 °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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