

M8 male 0° A-cod. IDC

3-pol., 0,25 - 0,5mm², 2,5 - 5mm

Art.No.: 7000-08325-0000000

Weight: 0.008

Country of origin: DE

Model designation: MSHL0-AC-R IDC 0,25-0,5mm²

IDC terminals

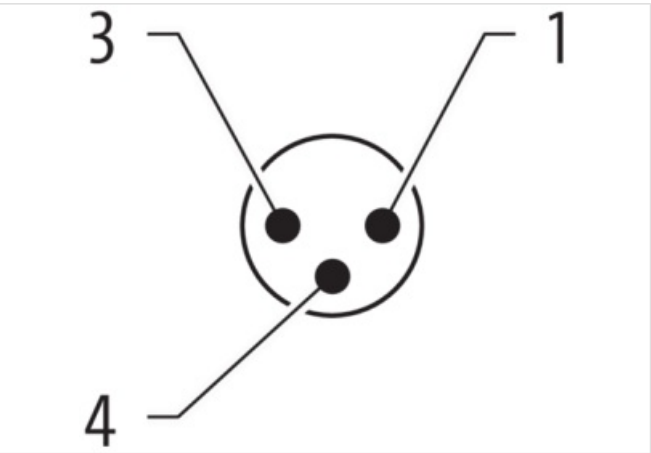
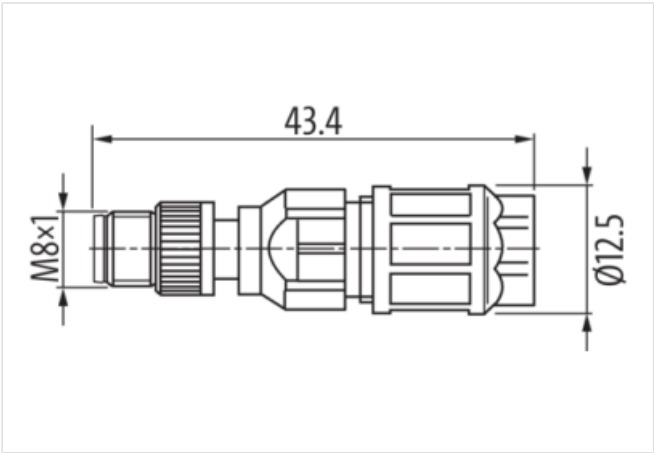
Male straight

M8, 3-pole

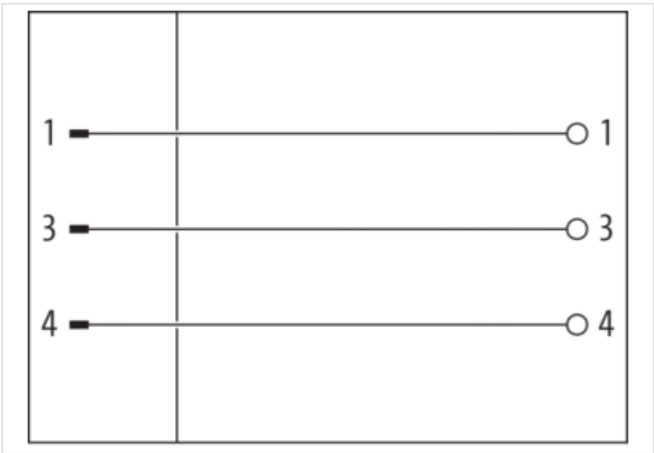
Connection cross section: 0.25...0.5 mm²

Link to Product

Illustration



Product may differ from Image



Side 1	
Family construction form	M8
No. of poles	3
Mounting method	inserted, screwed

Material	PA
Material contact	Copper alloy
Degree of protection (EN IEC 60529)	IP67, IP65
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-08325-0000000
GTIN	4048879784689
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
EAN	4048879784689
Electrical data	
Contact resistance max.	10 mΩ
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
Connection cross section max.	0.5
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	
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 kΩ
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
-----------------	----------

Material gasket	NBR
-----------------	-----

Mechanical data | Mounting data

Mounting method	Hexagonal screw, Hexagonal nut
-----------------	--------------------------------

Locking 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	DIN EN 61076-2-114 (M8)
------------------	-------------------------