M8 male 90° A-cod. screw terminal

3-pol., 0,14 - 0,5mm², 2,5 - 5mm

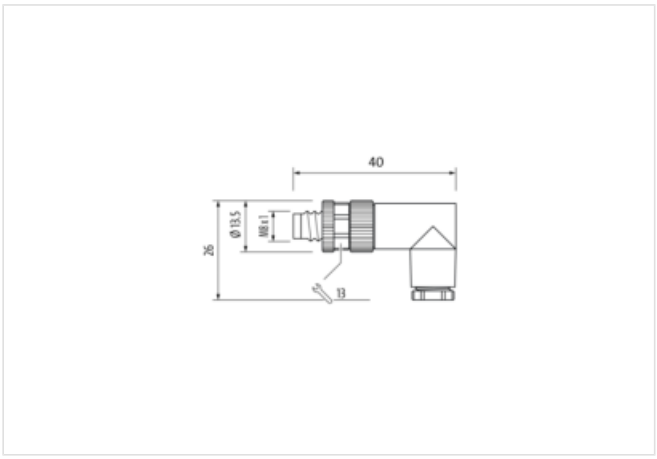
Art.No.: 7000-08431-0000000
Weight: 0,012 kg
Country of origin: CN
Model designation: MSIL0-AC-R_2.5-5.0mm

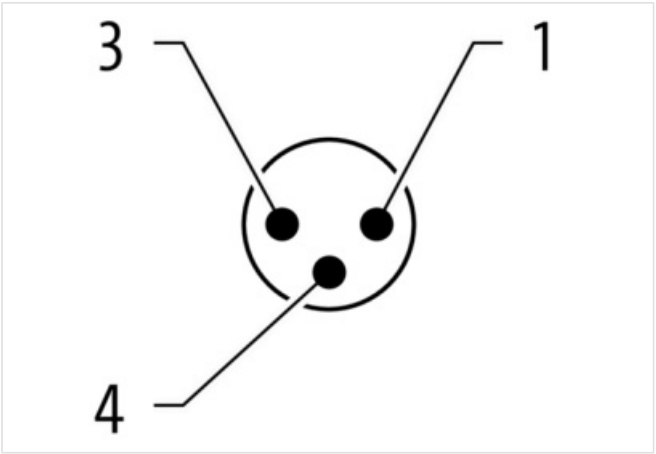
Male 90°
M8, 3-pole
Screw terminal
Connection cross section: 0.14...0.5 mm²

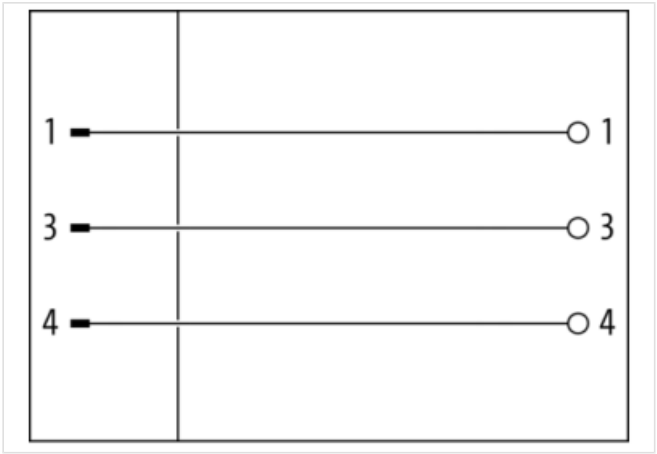
[Link to Product]

Illustration









Product may differ from Image

Side 1-1

Family construction form	M8
No. of poles	3
Coding	A

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Gender	male
Mounting method	inserted, screwed
Threaded hole	M8 x 1
Tightening torque	0.4 Nm
Width across flats	SW13
Cable outlet	angled
Material contact	Brass
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67
Side 2-2	
Mounting method	Field-wireable
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-08431-0000000
GTIN	4065909192375
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-7.0	EC001855
ETIM-8.0	EC001855
ETIM-9.0	EC001855
ETIM-10.0	EC001855
customs tariff number	85366990
EAN	4065909192375
Packaging unit	1
Electrical data | Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	No
Installation	
Connection cross section min.	0.14 mm²
Connection cross section max.	0.5 mm²
Installation | Connection	
Connection	Screw terminals SK
Installation | Pin assignment	
Coding	A

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Device protection | Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Overvoltage category (EN 60664-1)	II
Insulation resistance min.	100 mΩ
Material group (IEC 60664-1)	III
Mechanical data | Material data	
housing	PBT
Material contact carrier	PA66
Mechanical data | Mounting data	
Height	40 mm
Width	26 mm
Depth	13.5 mm
Clamping range min.	2.5 mm
Clamping range max.	5 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.

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