

M8 male 0° A-cod. screw terminal3-pol., 0,14 - 0.5mm², 4 - 5,5mm, shielded

Art.No.: 7000-08641-0000000

Weight: 0.052 kg

Country of origin: DE

Model designation: M8 STECKER GER.4..5,5 3pol.gesch.

Male straight

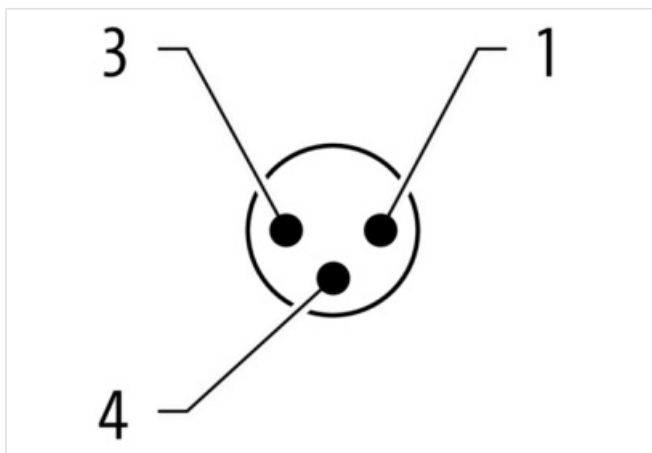
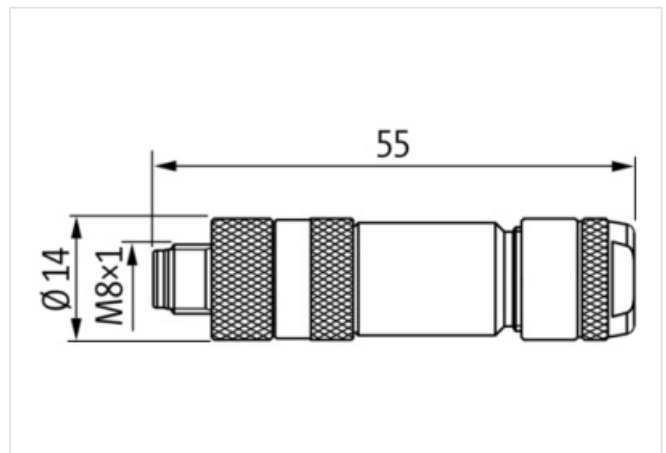
M8, 3-pole

Shielded

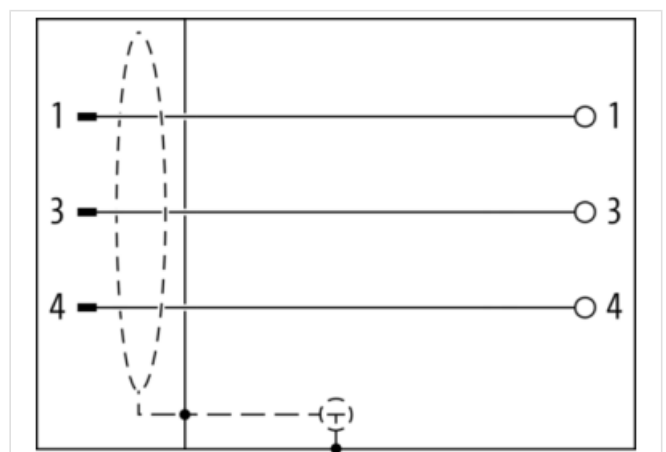
Screw terminals

Connection cross section: 0.14...0.5 mm²

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**

Family construction form

M8

No. of poles	3
Coding	A
Gender	male
Mounting method	inserted, screwed
Threaded hole	M8 x 1
Cable outlet	straight
Material contact	Brass
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67

Side 2

Mounting method	Field-wireable
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Commercial data

URL Webshop	https://shop.murrelektronik.com/7000-08641-0000000
GTIN	4048879224499
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
customs tariff number	85366990
EAN	4048879224499
Packaging unit	1

Electrical data | Supply

Operating voltage DC max.	30 V
Current operating per contact max.	4 A

Installation

Connection cross section min.	0,14 mm ²
Connection cross section max.	0,5 mm ²

Installation | Connection

Tightening torque	0,4 Nm
Mounting set	M8 x 1

Device protection

Shielded	Yes
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Device protection | Electrical

Additional condition protection degree	inserted, screwed
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Pollution Degree	3
Overvoltage category (EN 60664-1)	III
Overvoltage category (EN 60950-1)	III
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	II

Mechanical data | Material data

Locking material	Brass
Coating locking	nickel plated

Mechanical data | Mounting data

Height	55 mm
Width	14 mm
Depth	14 mm
Mounting method	inserted, screwed, Shaking protection
Clamping range min.	4 mm
Clamping range max.	5,5 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.