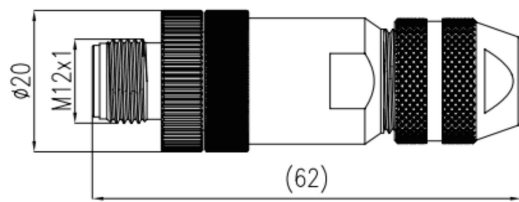


Field-wireable connector M12, A-coding, 3-Pin, male, straight, shielding



Typecode **M12A03MZSFWSR408005**
 ID **1006030000119**



Technical Data

| Connector | |
|-------------------------------------|---------------------------------|
| Connector A | Male, M12x1, straight, A-coding |
| Number of pins | 3-Pin |
| Contacts | Brass, Gold-plated |
| Contact carriers | PA66 |
| Coupling nut/screw | Brass, Nickel-plated |
| Connector body | Zinc, Nickel-plated |
| External diameter of the cable | 4··8 mm |
| Core cross-section/Clamping ability | 0.14 ··· 0.75 mm ² |
| Connection mode | Screw terminal connection |
| Mechanical lifespan | ≥ 100 Mating cycles |
| Pollution degree | III |
| Protection class | IP67, Only in screwed condition |
| Coupling mode | Screw |
| Standard | IEC 61076-2 |

| Electrical properties at +25 °C | |
|---------------------------------|---------------------|
| Rated voltage | 250 V |
| Rated current | 4 A |
| Insulation resistance | ≥ 10 ⁸ Ω |
| Contact resistance | ≤ 3 mΩ |
| Test voltage | 1500 V |

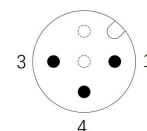
| Mechanical and chemical properties | |
|--|-------------------|
| Ambient temperature range (stationary) | -40 °C ··· +80 °C |

| Commercial data | |
|-------------------|------|
| Country of origin | CN |
| Packaging unit | 1 pc |

Features

- M12 A-coding, male
- Metal housing
- Protection class: IP67
- Screw terminal connection
- 3-Pin
- Cable feedthrough: 4··8 mm
- PG7/PG9 screw-in thread
- RoHS-compliant

Contact assignment



* Please note that the data specified here were design data, and the parameters of product are subject to changes without prior notice. Matters not mentioned herein. Please contact customer service. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.