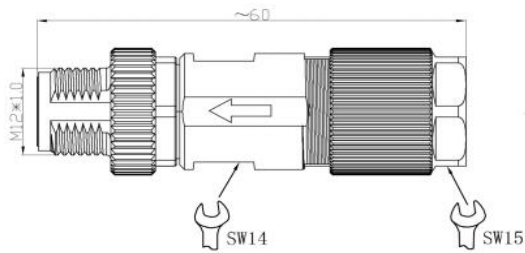


## Field-wireable connector M12, A-coding, 5-pin, Male, straight, shielding



Typecode **M12A05MZSFWCP608005**  
 ID **E01010111**

### Technical Data

Connector	
Connector A	Male, M12x1, straight, A-coding
Number of pins	5-Pin
Contacts	Brass, Gold-plated
Contact carriers	PA66
Coupling nut/screw	Zinc, Nickel-plated
Connector body	Zinc, Nickel-plated
External diameter of the cable	6...8 mm
Core cross-section/Clamping ability	22-26 AWG
Connection mode	Crimping
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	60 V
Rated current	4 A
Insulation resistance	≥ 10 <sup>8</sup> Ω
Contact resistance	≤ 5 mΩ

### Mechanical and chemical properties

Ambient temperature range (stationary) -40 °C ... +80 °C

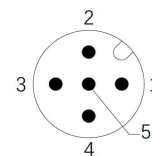
### Commercial data

Country of origin	CN
Packaging unit	1 pc

### Features

- M12 A-coding, Male
- Metal housing
- Protection class: IP67
- Crimping
- 5-Pin
- Cable feedthrough: 6...8 mm
- 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.