

## Overview

### Product information



**PA-M12A-03P-FF-SL7001-20030000465**

Field mounted, Female, Straight, M12, Coding A, Soldering connector, Cable  
External cable diameter 4.0~8.0 mm

### Product advantages

- ☑ Sealing optimization, protection level up to IP67
- ☑ Meet the harsh environment
- ☑ Suitable for various occasions connection technology
- ☑ Compatible with the international and domestic same series products

### Product certification



**RoHS**

**REACH**



## Technical data

### Product drawing

### 3D model

□

### Environmental conditions

Ambient temperature

-25°C...105°C

IP class

IP67

### General parameters

Rated current

4A

250V

Number of potentials

3

Insulation resistance

≥ 100 MΩ

Error-proof coding

A-Code

|                             |           |
|-----------------------------|-----------|
| Overvoltage level           | II        |
| Pollution level             | 3         |
| Connection method           | Soldering |
| Insertion and pullout cycle | ≥ 100     |
| Torque                      | 0.4 Nm    |

Material

|                                        |                           |
|----------------------------------------|---------------------------|
| Flammability rating ,in line with UL94 | V0                        |
| Contact material                       | CuZn                      |
| Material contact surface               | Au                        |
| Contact carrier material               | PA                        |
| Coil material                          | Zinc alloy, nickel plated |
| Sealing material                       | Silicon                   |

Standards and specifications

|                          |                 |
|--------------------------|-----------------|
| Standards/specifications | IEC 61076-2-101 |
|--------------------------|-----------------|

Dimension

|                                   |               |
|-----------------------------------|---------------|
| Assembled cable outer diameter    | 4.0-8.0mm     |
| Assembled conductor cross section | 0.25~0.52 mm² |
|                                   | 24~20 AWG     |

Accessories

Accessories

|             |                 |
|-------------|-----------------|
| Sealing cap | CAP-M12-MP-8004 |
|-------------|-----------------|

Business data

|              |             |
|--------------|-------------|
| Order number | 20030000465 |
|--------------|-------------|

|                                     |     |
|-------------------------------------|-----|
| Packing unit                        | /   |
| Minimum order quantity              | 100 |
| Products weight (without packaging) | /   |