

## Visión general

## Información del Producto

**PM-M12S-04P-MM-SR8B01-20030000846**

Sensor/Actuator Cable,PUR,black,UL20549,Male plug,acodado M12,Coding S,Unshielded,Trimming cable end,Cable Cable length:1m

## Ventajas del producto

- ✓ Sealing optimization, protection level up to IP68
- ✓ Meet the harsh environment
- ✓ Suitable for various occasions connection technology
- ✓ Compatible with the international and domestic same series products

## Certificación del producto

**RoHS REACH**

## Datos técnicos

## Dibujo del producto

## Modelo 3D

□

## Dimension

Cable length

1m

## Environmental conditions

Ambient temperature

-25℃...80℃

IP class

IP68

## General parameters

Rated current

12A

630V

Number of potentials

4

|                             |          |
|-----------------------------|----------|
| Insulation resistance       | ≥ 100 MΩ |
| Error-proof coding          | S-Code   |
| Overvoltage level           | III      |
| Pollution level             | 3        |
| 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               | PU                        |
| Coil material                          | Zinc alloy, nickel plated |
| Sealing material                       | Silicon                   |

#### Standards and specifications

|                          |                 |
|--------------------------|-----------------|
| Standards/specifications | IEC 61076-2-111 |
|--------------------------|-----------------|

#### Cable

|                                            |                                             |
|--------------------------------------------|---------------------------------------------|
| Cable type                                 | PUR Black                                   |
| Cable type(abbreviation)                   | PUR                                         |
| UL AWM form                                | UL20940                                     |
| Cross section                              | 1.31mm²                                     |
| AWG signal wire                            | 16AWG                                       |
| Wire structure Signal wire                 | 26/0.254mm²                                 |
| Core diameter (including insulation layer) | 3.1±0.05mm                                  |
| Wire color                                 | 1 Black1 2 Black2 3 Black3 PE Yellow /Green |
| Thickness, insulation                      | 0.68mm                                      |

|                                          |                              |
|------------------------------------------|------------------------------|
| Cable outer diameter D                   | 9.2mm                        |
| Minimum bend radius ,fixed installation  | 5*OD                         |
| Minimum bend radius ,mobile installation | 10*OD                        |
| Bending times                            | 2 million times              |
| Bending radius                           | 50.8mm                       |
| Cable weight                             | 136kg/km                     |
| Outer sheath, material                   | PU                           |
| Conductor insulation material            | PVC                          |
| Conductor material                       | Tinned copper                |
| Insulation resistance                    | 10MΩ                         |
| Conductor resistance                     | Maximum 14.6Ω/km (at 20 °C ) |
| Nominal cable voltage                    | 1000V                        |
| Cable test voltage                       | 2000V                        |
| Special attributes                       | Silicone-free                |
| Flame retardant                          | VW-1                         |
| Other protection functions               | Anti-UV                      |

Accesorios

Accessories

|             |                 |
|-------------|-----------------|
| Sealing cap | CAP-M12-FP-8001 |
|-------------|-----------------|

Datos empresariales

|                           |             |
|---------------------------|-------------|
| Número de pedido          | 20030000846 |
| Unidad de embalaje        | /           |
| Cantidad mínima de pedido | 100         |

|                                  |   |
|----------------------------------|---|
| Peso del producto (sin embalaje) | / |
|----------------------------------|---|