## 종람

### 제품 장점



# PM-M12A-05P-FF-SL8C01-20030000677

Sensor/Actuator Cable,PVC,black,UL2517,Female plug,Straight M12,Coding A,Unshielded,Trimming cable end,Cable Cable length:1m,UL Certification

### 제품 장점

☑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

### 제품 인증

## 기술 데이터

### 제품 도면

### 3D

### Environmental conditions

| | |
|---|---|
| Ambient temperature | -25℃...85℃ |
| IP class | IP68 |

### General parameters

| | |
|---|---|
| Rated current | 4A |
| | 60V |
| Number of potentials | 5 |
| Insulation resistance | ≥ 100 MΩ |
| Error-proof coding | A-Code |

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

Material

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

Standards and specifications

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

Cable

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|---|---|
| Cable type | PVC Black |
| Cable type(abbreviation) | PVC |
| UL AWM form | UL2517 |
| Cross section | 0.34mm² |
| AWG signal wire | 22AWG |
| Wire structure Signal wire | 17/0.16mm² |
| Core diameter (including insulation layer) | 1.30±0.05mm |
| Wire color | 1 Brown 2 White 3 Blue 4 Black 5 Gray |
| Thickness, insulation | 0.6mm |
| Cable outer diameter D | 5.4 ±0.2mm |

| | |
|---|---|
| Outer sheath, material | PVC |
| Conductor insulation material | PVC |
| Conductor material | Tinned copper |
| Insulation resistance | ≥100MΩ |
| Conductor resistance | Maximum 59.4Ω/km (at 20 °C) ) |
| Nominal cable voltage | 300V |
| Cable test voltage | 2000V |
| Flame retardant | Comply with UL 758/1581 FT1 standard |
| Halogen free | Yes |

Dimension

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|---|---|
| Cable length | 1m |

## 악세사리

Accessories

| | |
|---|---|
| Sealing cap | CAP-M12-MP-8001 |

## 비즈니스 데이터

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|---|---|
| 발주 번호 | 20030000677 |
| 포장 단위 | / |
| MOQ | 100 |
| 제품 무게 (포장 제외) | / |