

Image:

**MV-MQ**

**MVR/C0-0C**

**Photo.M18,AC-NC,Cable 90°,Receiver**

## TECHNICAL FEATURES

### Detection properties

|                          |               |
|--------------------------|---------------|
| Nominal sensing distance | 16m           |
| Thermal drift of Sr      | $\leq 10\%Sr$ |
| Repeat Accuracy          | 5%            |
| Sensitivity adjustment   | No            |

### Application

|                    |          |
|--------------------|----------|
| Function Principle | Receiver |
| Emitter/Receiver   | Receiver |
| Optic position     | Axial    |

### Outputs

|                     |          |
|---------------------|----------|
| Output type         | TRIAC NC |
| Output Function     | NC       |
| Switching frequency | 25Hz     |

|               |      |
|---------------|------|
| Response time | 20ms |
|---------------|------|

Electrical data

|                                |                                                    |
|--------------------------------|----------------------------------------------------|
| Operating Voltage              | 20...253VAC/50-60Hz                                |
| No-Load supply current         | ≤ 30mARMS                                          |
| Load current                   | 5...300mARMS                                       |
| Leakage current                | 6A                                                 |
| Output voltage drop            | ≤3V@Iload=300mARMS                                 |
| Max ripple content             | ≤10%                                               |
| LED indicators                 | Red (status output)                                |
| Time delay before availability | ≤200ms                                             |
| Interference to external light | 3.000lux (incandescent lamp), 10.000lux (sunlight) |

Mechanical data

|                      |                         |
|----------------------|-------------------------|
| Housing material     | PBT / PC cable exit 90° |
| Connections          | 2m PVC cable 90°        |
| Active Head Material | PMMA                    |
| Tightening torque    | 1Nm                     |
| Diameter/Dimension   | M18                     |

Test/Approvals

|  |
|--|
|  |
|--|

#### Approvals

CE cURus

#### EMC compatibility

EN 60947-5-2

#### Shocks and vibrations

Vibration IEC 60068-2-6 / Shock IEC 60068-2-27

#### Accessories

#### Supplied Accessories

Nuts M18 x 1

#### Generical Data

#### Dimensions

M18x1/L=78,6mm

#### Operating Temperature

- 25°C...+ 70°C (Without freeze)

#### Mechanical Protection

IP67

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