



**CQ50**

**CQ50/CP-4A**

**Cap.30x50x7,PNP-NC,Cable,Sch-STD**

TECHNICAL FEATURES

Detection properties

|                          |       |
|--------------------------|-------|
| Nominal sensing distance | 10mm  |
| Thermal drift of Sr      | < 20% |
| Repeat Accuracy          | 5%    |
| Sensitivity adjustment   | NO    |
| Hysteresis               | ≤ 20% |

Outputs

|                     |      |
|---------------------|------|
| Output type         | PNP  |
| Output Function     | NC   |
| Switching frequency | 10Hz |

Electrical data

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

|                                  |                   |
|----------------------------------|-------------------|
| Operating Voltage                | 10..30Vdc         |
| No-Load supply current           | ≤ 10mA            |
| Load current                     | ≤50mA             |
| Leakage current                  | ≤ 100μA           |
| Output voltage drop              | 1,5Vmax @ IL=50mA |
| Max ripple content               | ≤10%              |
| Time delay before availability   | ≤100ms            |
| Short-circuit protection         | Yes, autoreset    |
| Reverse Polarity Protection      | Yes               |
| Impulsive Overvoltage Protection | Yes               |

Mechanical data

|                      |               |
|----------------------|---------------|
| Mounting             | Shielded      |
| Housing material     | noryl         |
| Weight               | 70g           |
| Connections          | 2m PVC cable  |
| Active Head Material | noryl         |
| Storage temperature  | -30°C...+75°C |
| Diameter/Dimension   | 50x30x7mm     |

## Test/Approvals

Approvals

CE

EMC compatibility

IEC 60947-5-2

## Generical Data

Dimensions

50x30x7mm

Operating Temperature

0...60°C (without freeze)

Mechanical Protection

IP67

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