



CQ50

CQ50/CN-1A

Cap.30x50x7,NPN-NC,Cable,Sch-STD

TECHNICAL FEATURES

Detection properties

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

Outputs

Output type	NPN
Output Function	NC
Switching frequency	10Hz

Electrical data

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Operating Voltage	5Vdc
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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