

Model: CQ20CF10DNO

Features

- Be able to detect both metal and nonmetal objects;
- Be able to detect various media via nonmetallic container;
- Reliable liquid level detecting;

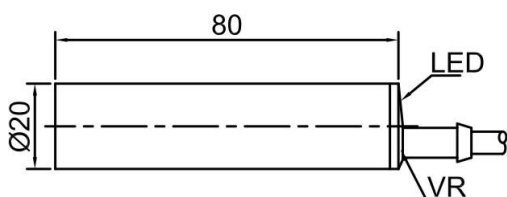
Part Number

NPN NO	CQ20CF10DNO	PNP NO	CQ20CF10DPO
NPN NC	CQ20CF10DNC	PNP NC	CQ20CF10DPC
NPN NO+NC	CQ20CF10DNR	NPN NO+NC	CQ20CF10DPR

Technical Specifications

Mounting	Flush	Consumption Current	$\leq \pm 15\text{mA}$
Reted Distance[Sn]	10mm (adjustable)	Circuit Protection	Short-circuit, overload and reverse polarity
Assured Distance[Sa]	0...8mm	Output Indicator	Yellow LED
Dimensions	$\phi 20 \times 80\text{mm}$	Ambient Temperature	$-25^{\circ}\text{C} \dots 70^{\circ}\text{C}$
Output	NO/NC (depends on part number)	Ambient Humidity	35-95%RH
Supply Voltage	10...30VDC	Switching Frequency[F]	50Hz
Standard Target	Fe30*30*1t	Voltage Withstand	1000V/AC 50/60Hz 60S
Switch-point Drifts[%/Sr]	$\leq \pm 20\%$	Insulation Resistance	$\geq 50\text{M}\Omega (500\text{VDC})$
Hysteresis Range[%/Sr]	3...20%	Vibration Resistance	10...50Hz(1.5mm)
Repeat Accuracy[R]	$\leq 3\%$	Degree of Protection	IP67
Load Current	$\leq 200\text{mA}$	Housing Material	Nick-copper alloy
Residual Voltage	$\leq 2.5\text{V}$	Connection Type	2m PVC cable

Dimensions



Wiring Diagram

