

Plastic cylindrical shape capacitive sensors **CQ34S** series



Features

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



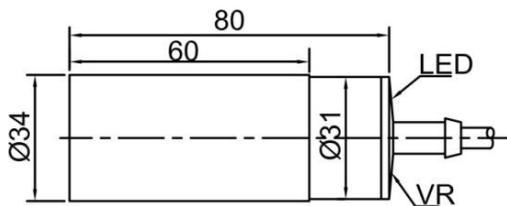
Part number

AC/DC 2 wires NO	CQ34SCN20SBO	AC/DC 2 wires NO	CQ34SCN20SBC
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Technical specifications

Mounting	Non-flush	Leakage current [I _r]	AC:≤3mA	DC:≤1mA
Rated distance [S _n]	20mm (adjustable)	Circuit protection	
Assured distance [S _a]	0...16mm	Output indicator	Yellow LED	
Dimensions	Φ34*80 mm	Ambient temperature	-25℃...70℃	
Output	NO/NC (depends on part number)	Ambient humidity	35-95%RH	
Supply voltage	20...250 VAC/DC	Switching frequency [F]	AC: 15 Hz	DC:40Hz
Standard target	Fe 60*60*1t	Voltage withstand	2000V/AC 50/60Hz 60S	
Switch-point drifts [%/Sr]	≤±20%	Insulation resistance	≥50MΩ (500VDC)	
Hysteresis range [%/Sr]	3...20%	Vibration resistance	10...50Hz (1.5mm)	
Repeat accuracy [R]	≤3%	Degree of protection	IP67	
Load current	AC:≤300mA DC:≤100mA	Housing material	PBT	
Residual voltage	AC:≤10V DC:≤8V	Connection type	2m PVC cable	

Dimensions



Wiring diagram

