

Plastic cylindrical shape capacitive sensors **CQ32** series



Features

- ◆ Relay output;
- ◆ Be able to detect various media via nonmetallic container;
- ◆ Reliable liquid level detecting;
- ◆ Widely applied in warehouse, animal husbandry industry etc;

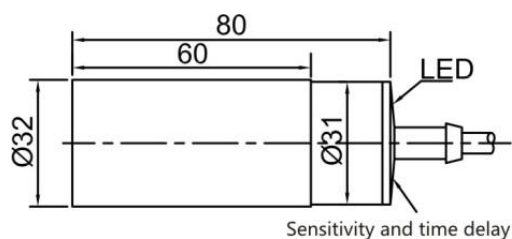
Part number

Relay	CQ32SCF15AK	CQ32SCF15AK-T1600	CQ32SCF15AK-T2600
-------	-------------	-------------------	-------------------

Technical specifications

Mounting	Flush	Consumption current	≤25mA
Rated distance [Sn]	15mm (adjustable)	Circuit protection	
Assured distance [Sa]	0...12mm	Output indicator	Yellow LED
Dimensions	Ø 32*80 mm	Ambient temperature	-25°C...70°C
Output	Relay output	Ambient humidity	35-95%RH
Supply voltage	20...250 VAC	Delay time	T1:ON delay 1s...10min;T2:OFF delay 1s...10min
Standard target	Fe 45*45*1t	Voltage withstand	2000V/AC 50/60Hz 60S
Switch-point drift [%/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	≤2A	Housing material	PBT
Switching frequency [F]	1Hz (based on specific delay setting)	Connection type	2m PVC cable

Dimensions



Wiring diagram

