

Metal cylindrical shape capacitive sensors **CQ32**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

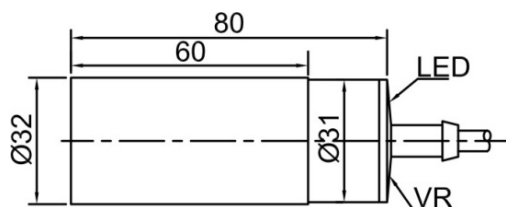
AC2 wires NO CQ32CF15ATO

AC2 wires NC CQ32CF15ATC

Technical specifications

| | | | |
|------------------------------------|-------------------------------|-----------------------------------|----------------------|
| Mounting | Flush | Leakage current [I _r] | ≤3mA |
| Rated distance [S _n] | 15mm (adjustable) | Circuit protection | |
| Assured distance [S _a] | 0...12mm | Output indicator | Yellow LED |
| Dimensions | Φ32*80mm | Ambient temperature | -25°C...70°C |
| Output | NO/NC(depends on part number) | Ambient humidity | 35-95%RH |
| Supply voltage | 20...250 VAC | Switching frequency [F] | 15 Hz |
| Standard target | Fe45*45*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 | ≤300mA | Housing material | Nick-copper alloy |
| Residual voltage | ≤10V | Connection type | 2m PVC cable |

Dimensions



Wiring diagram

