

Metal cylindrical shape capacitive sensors CR30 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

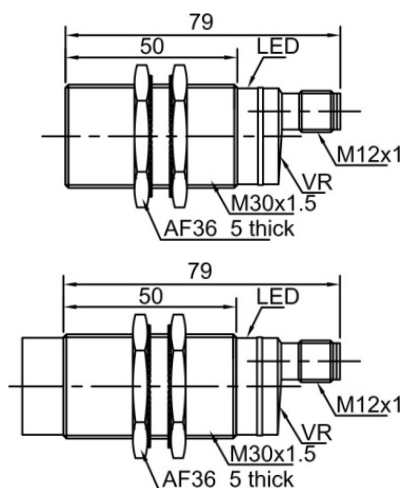
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AC2 wires	NO	CR30CF10ATO-E2	CR30CN15ATO-E2	AC2 wires	NC	CR30CF10ATC-E2	CR30CN15ATC-E2
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Technical specifications

Mounting	Flush	Non-flush	Leakage current [Ir]	≤3mA
Rated distance [Sn]	10mm (adjustable)	15mm(adjustable)	Circuit protection	
Assured distance [Sa]	0...8mm	0...12mm	Output indicator	Yellow LED
Dimensions	M30*79mm	M30*91 mm	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	Fe 30*30*1t	Fe 45*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	M12 connector

Dimensions



Wiring diagram

