

Plastic cylindrical shape capacitive sensors **CR30S** series



Features

- ◆ Be able to detect both metal and nonmetal objects;
- ◆ Be able to detect various media via nonmetallic container;
- ◆ Reliable liquid level detecting;
- ◆ Widely applied in warehouse, animal husbandry industry etc;

Part number

AC 2 wires NO CR30SCN15ATO-T160 CR30SCN15ATO-T260

AC 2 wires NC

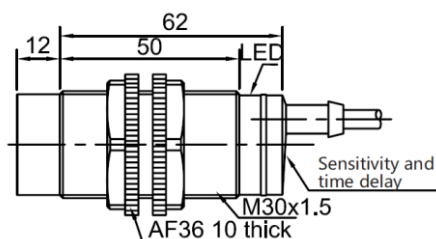
CR30SCN15ATC-T160

CR30SCN15ATC-T260

Technical specifications

Mounting	Non-flush	Leakage current [Ir]	≤3mA
Rated distance [Sn]	15mm (adjustable)	Circuit protection	
Assured distance [Sa]	0...12mm	Output indicator	Yellow LED
Dimensions	M30*74 mm	Ambient temperature	-25°C...70°C
Output	NO/NC (depends on part number)	Ambient humidity	35-95%RH
Supply voltage	20...250 VAC	Delay time	T1: ON delay 1...60S; T2: OFF delay 1...60S;
Standard target	Fe 65*65*1t	Voltage withstand	2000V/AC 50/60Hz 60S
Switch-point drifts [%/Sr]	≤±20%	Insulation resistance	≥50MΩ (500VDC)
Hysteresis range [%/Sr]	1...20%	Vibration resistance	10...50Hz (1.5mm)
Repeat accuracy [R]	≤3%	Degree of protection	IP67
Load current	≤300mA	Housing material	PBT
Residual voltage	≤10V	Connection type	2m PVC cable

Dimensions



Wiring diagram

