

PLASTIC CYLINDRICAL CAPACITIVE SENSOR CR30S SERIES

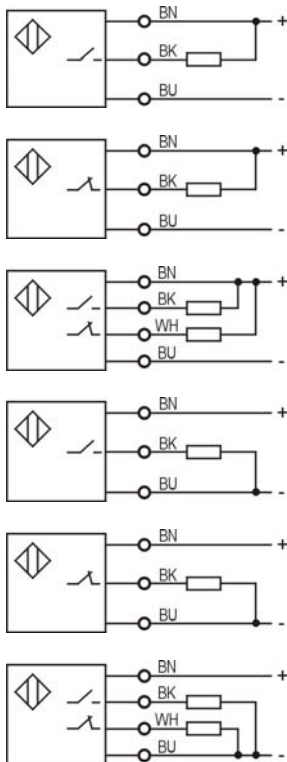
Photo



Feature Description

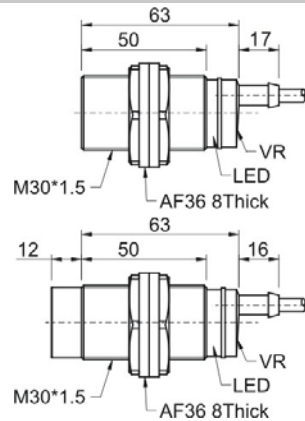
- ◆ Wide range of detecting object: metal, plastic, liquid
- ◆ Surge, overloaded, short-circuit, reverse polarity protection
- ◆ Housing material : PBT
- ◆ Protection degree: IP67 (IEC)

Connection diagram



Note:
Customize for cable length, housing material and shape.

Dimension drawing



Item Code

NPN NO	CR30SCF10DNO	CR30SCN15DNO
NPN NC	CR30SCF10DNC	CR30SCN15DNC
NPN NO+NC	CR30SCF10DNR	CR30SCN15DNR
PNP NO	CR30SCF10DPO	CR30SCN15DPO
PNP NC	CR30SCF10DPC	CR30SCN15DPC
PNP NO+NC	CR30SCF10DPR	CR30SCN15DPR

Specification

Mounting	F	NF
SN [mm]	10mm(adjuster)	15mm(adjuster)
Setting distance	0...8mm	0...12mm
Housing size [mm]	M30*63	M30*75
Thread size [mm]	M30*1.5*50	
Output	NPN/PNP	NO/NC/NO+NC
Power supply	10...30VDC	
Standard target	Fe 50*50*1t	
Temperature drifts [%/Sr]	±10%	
Hysteresis [%/Sr]	3...20%	
Repeat accuracy	≤3%	
Load current [mA]	≤200mA	
Residual voltage	≤2.5VDC	
Consumption current [mA]	≤15mA	
Protection circuit	Surge, overloaded, short-circuit, reverse polarity	
Indicator	Yellow LED	
Ambient temp. [°C]	-25...70°C	
Ambient RH	35-95%RH	
Frequency [Hz]	50 Hz	
Dielectric strength	1000V/AC 50/60Hz 60s	
Insulation resistance	≥50MΩ (500VDC)	
Anti-vibration	1.5mm amplitude at 10 to 55Hz for 2hours each in x, y, z D-D	
Protection degree	IP67	
Housing material	PBT	
Connection	PVC Cable 2m	