



Model: CR30XSCF15DPRY

## Features

- Integrated housing matches double highlighted LED indicator
- IP68 protection class which is effectively moisture-proof and dust-proof
- Enhance detection distance. Sensitivity adjustment adopts multi-turn potentiometer so as to reach higher adjustment accuracy
- High reliability, excellent EMC design with protection against short circuit, overloaded and reverse polarity
- Widely used in both metal and non-metal (plastic, powder, liquid, etc.) material testing

## Part Number

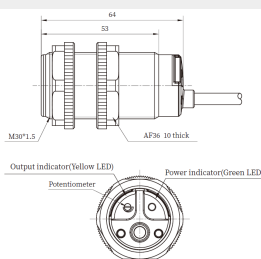
NPN NO	CR30XSCF15DNOY	PNP NO	CR30XSCF15DPOY
NPN NC	CR30XSCF15DNCY	PNP NC	CR30XSCF15DPCY
PNP NO+NC	CR30XSCF15DNRY	PNP NO+NC	CR30XSCF15DPRY

## Technical Specifications

Installation type	Flush	Indicator	Output indication:Yellow LED;Power indicator:Green LED
Reted Distance Sn	15mm①		Overload or short circuit indication:Yellow LED flashes
Assured Distance Sa	≤10.8mm	Switching frequency	20Hz
Adjust the distance	3...20mm	Ambient temperature	When working:-25...70℃(No icing, No condensation) When storing:-30...80℃(No icing, No condensation)
Adjustment method	Multi-turn potentiometer (Electrical adjustment > 10)	Environment humidity	35...95%RH(No icing, No condensation)
Standard test object	Fe 45*45*1t(Grounded)②	Vibration resistant	10...55Hz,Dual amplitude 1mm(2 hours each in X, Y, and Z directions)
Supply voltage	10...30VDC	Impulse withsand	30g/11ms,3 times each for X,Y,Z direction
Load current	≤200mA	High pressure resistant	1000V/AC 50/60Hz 60s
Residual voltage	≤2V	Insulation resistance	≥50MΩ (500VDC)
Consumption current	≤20mA	Shape specification	M30*1.5*64mm
Switch point offset [%/Sn]	≤±10%	Protection degree	IP68
Temperature drift [%/Sr]	≤±20%	Housing material	PBT
Hysteresis range [%/Sr]	3...20%	Connection Type	2m PVC Cable
Repetitive error [R]	≤5%	Accessories	M30 nuts×2, Slotted screwdriver, Operation manual
Circuit protection	Short circuit protection,Overload protection Reverse polarity protection		

NOTE:1.the factory default sensing distance is Sn±10% 2.unit:mm

## Dimensions



## Wiring Diagram

