



Features

- PROTECTION : Short-circuit, Surge Absorber, Reverse connection
- Red Led Display Can Detect Sensor Work Status
- Easy To Set Up And Adjust Distance
- Waterproof, Anti Oil, Temperature And Other Advantages
- IP67 Protection Structure (IEC Specification)
- 1 Year Warranty



GENERAL CHARACTERISTICS

Detecting Distance	NON FLUSH	15mm ± 10%
Frequency (Hz)		20Hz
Movement Differential	Max.10% of detecting distance	
Standard Detected Target	Iron 50x50mm	

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MODEL(Ø18mm)	TYPE	LOGIC	OUTPUT	MOUNT	RANGE
CCD30-P15-OC	DC	PNP	NO+NC	NON FLUSH	8mm
CCD30-N15-OC		NPN			

OPERATING CHARACTERISTICS

Supply Voltage (V)	10-30VDC
Current Consumption (mA)	2.2mA max
Load Current (mA)	200mA max
Voltage Drop (Vp)	1.5V max

ENVIRONMENT

Operating Temperature	-25°C to + 70°C (non freezing condition)
Ambient Humidity	35% to 95% RH
Insulation Resistance	Min 50MΩ/500VDC
Dielectric Strength	1500VAC 50/60Hz for 1 minute

OTHER CHARACTERISTICS

Indicator	Operating	Red LED
Material	Case	BRASS
	Detecting surface	ABS
Connection Mode	2M lead wire type	
Protection Grade	IP65 (IEC Specification)	
Authentication	CE	

PROTECTION & SECURITY

Protection Circuit	Reverse Polarity Protection, Surge Absorber, Short Circuit Protection
Vibration	1mm amplitude at 10 ~ 55Hz Frequency for 120 min each in X, Y, Z Directions
Shock	500m/s ² (50G) for 3 times in X, Y, Z Directions

DIMENSIONS

