CMD-30

INDUCTIVE PROXIMITY SWITCH - DC INPUT

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

CE

GENERAL CHARACTERISTICS

PARAMETERS	MOUNTING	NPN	PNP
Detection Distance	Non Flush	15mm ± 10%	
	Flush	10mm ± 10%	
Frequency (Hz)	Non Flush	100HZ	
	Flush	200HZ	
Movement Differential	Max.10% of detecting distance		
Standard Detected object	Iron 30X30X1mm		

OPERATING CHARACTERISTICS

Supply Voltage (V)	12-24VDC (5-30VDC)
Current Consumption (mA)	12mA max
Load Current (mA)	200mA max
Voltage Drop (Vp)	1.5V max

ENVIRONMENT

Operating Temperature	-25ºC ~ 70ºC (non freezing condition)
Ambient Humidity	35% ~ 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		IP67 (IEC Specification)

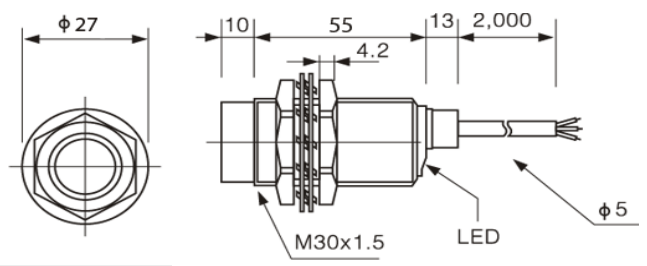
PROTECTION & SECURITY

Protection Circuit	Reverse Polarity Protection, Surge Absorber, Short Circuit Protection
Vibration	1mm amplitude at 10 ~ 55Hz for 120 min each in X,Y,Z directions
Shock	500m/s² (50G) for 3 times in X,Y,Z directions

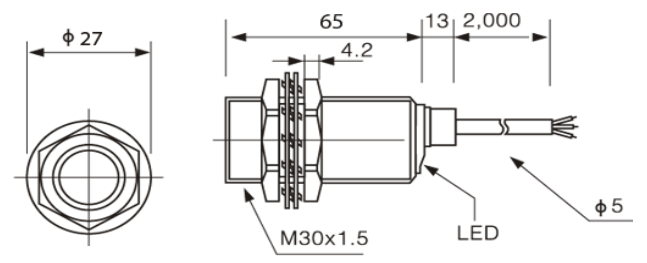
ORDER CODE

MODEL(Ø30mm)	TYPE	LOGIC	OUTPUT	MOUNT	RANGE
CMD30-P15-O	DC	PNP	NO	NON FLUSH	15mm
CMD30-N15-O		NPN			
CMD30-P15-C		PNP	NC		
CMD30-N15-C		NPN			
CMD30-P15-OC		PNP	NO+NC		
CMD30-N15-OC		NPN			
CMD30-P10-O		PNP	NO	FLUSH	10mm
CMD30-N10-O		NPN			
CMD30-P10-C		PNP	NC		
CMD30-N10-C		NPN			
CMD30-P10-OC		PNP	NO+NC		
CMD30-N10-OC		NPN			

DIMENSIONS



Non Flush



Flush