



Features

- Easy to install and easy to set up
- Short Circuit Protection And Reverse Connection Protection Function
- Stable Performance, Economical And Practical
- Waterproof, Anti Oil, Temperature And Other Advantages
- IP64 Protection Structure (IEC Specification)
- 1 Year Warranty

GENERAL CHARACTERISTICS

Detection Distance	0~500mm / 0~3mtr
Detecting Target	Transparent, Translucent, Opaque Material
Movement Differential	Max.20% at Detecting Distance

OPERATING CHARACTERISTICS

Supply Voltage (V)	10-30VDC
Load Current(mA)	Max.200mA
Current Consumption (mA)	15mA max
Voltage Drop (Vp)	1.5V max
Response Time (ms)	1ms max

ENVIRONMENT

Operating Temperature	-20°C ~ 60°C (non freezing condition)
Ambient Humidity	35% ~ 85% RH
Insulation Resistance	Min 20MΩ (500VDC)
Dielectric Strength	1500VAC 50/60Hz for 1 minute

OTHER CHARACTERISTICS

Indicator	Operating	Red LED
Material	Case	ABS
	Detecting surface	ABS
Connection Mode		2M lead wire type
Protection Grade		IP64 (IEC Specification)
Authentication		CE

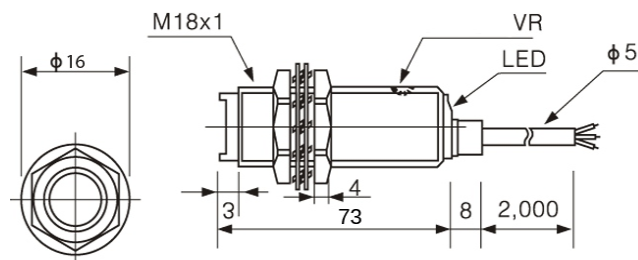
PROTECTION & SECURITY

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/s ² (50G) for 3 times in X,Y,Z directions

ORDER CODE

MODEL(Ø18mm)	TYPE	LOGIC	OUTPUT	RANGE
CPDD18-P500-O(PB)	DC	PNP	NO	500mm
CPDD18-P3000-O(PB)				3MTR

DIMENSIONS



ABS Body

CONNECTION

PNP OUTPUT

