

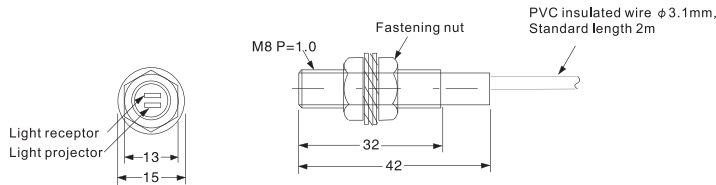
PM08 Series



Appearance		
Sensing type	Diffuse reflection	
Sensing distance	30mm (White 30X30mm)	
Hysteresis	< 20%	
Light source	IR Diode(940nm)	
Operating voltage	12~24V DC \pm 10% ripple(p-p) < 10%	
Current consumption	\leq 30mA	
Control output	NPN open-collector output	PNP open-collector output
Switch mode	L.on	
Protection circuit	Short circuit protection, reverse polarity protection, anti-interference protection	
Ambient brightness	Sunlight \leq 10000lux, Incandescent Lamp \leq 3000lux	
Ambient temperature	Operation: -25°C~+55°C, Storage: -30°C~+70°C(No freezing, No condensation)	
Ambient humidity	Operation: 30~85%RH, Storage: 35~95%RH	
Insulation resistance	> 20M Ω	
Withstand voltage	500 V/AC 50/60Hz 1min	
Anti-vibration	10 to 55 Hz with 1.5mm up&down amplitude for 2 hours each in X, Y, and Z directions	
Impact resistance	500m/s ² for 3 times each in X, Y, Z directions	
Degree of protection	IP65	
Connection method	2M 3core cable	
Weight	Approx 80g	
Material	Stainless steel	
Model No.	PM08-D03NO HOT	PM08-D03PO

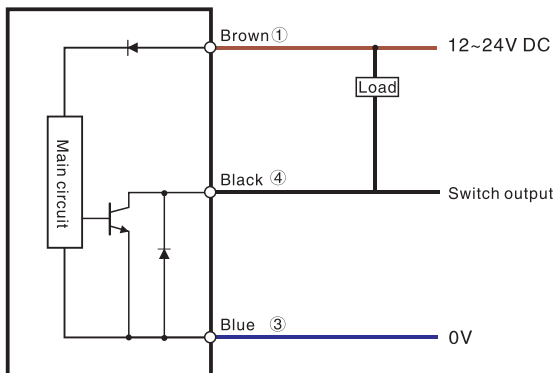
Dimensions

Unit: mm



Circuit diagram

NPN Output



PNP Output

