



IM08 Proximity sensor

Features of metal cylindrical proximity sensor:

- Reverse polarity protection;
- Short-circuit protection (IM8、IM12、IM18、IM30 DC type);

Description

IM08 Series inductive sensor

Features of metal cylindrical proximity sensor:

- Reverse polarity protection;
- Short-circuit protection (IM8、IM12、IM18、IM30 DC type);
- Long-life & high reliability;
- Yellow Led indicates working status of sensor;
- Economical and easy to operate;
- Alternatives for mini switch and limit switch;
- Delay at power-up,guard against false pulse;

Proximity sensor

Model	IM08B-02-NO	IM08B-02-PO	IM08N-03-NO	IM08N-03-PO
	IM08B-02-NC	IM08B-02-PC	IM08N-03-NC	IM08N-03-PC
General parameters:				
Installation method	Flush style		Non-flush	
Detection distance	2mm±10%		3mm±10%	
Return difference	≤15%			
Set distance	0~1.6 mm		0~2.4 mm	
Mechanical/Electronic Parameters:				
Operating voltage	10-30VDC			
No-load current	Max.5mA			
Voltage drop	Max.1.4V			
Operating frequency	1500Hz		1000Hz	
Indicator light	Operation indicator yellow			
Function	Short circuit protection,over voltage protection,reverse polarity protection			
Action mode	Normally closed (NC)/Normally open (NO) depending on the specific model			
Control output	NPN	PNP	NPN	PNP
Wiring	Direct outlet,DC3 wire,φ3,3*0.12 mm ² ,standard wire length: 2m			
Protection rating	IP67			
Working environment	-25°C~70°C 35~95% RH			
Dimensions	Please check the dimension drawing		Please check the dimension drawing	