



# IF17 Inductive Sensor

Features of standard rectangular proximity sensor:

- Exclusive jam-proof integrated circuit;
- Reverse polarity protection, short-circuit protection, over voltage protection;

## Description

### IF17 Series inductive sensor

Features of standard rectangular proximity sensor

- Exclusive jam-proof integrated circuit;
- Reverse polarity protection, short-circuit protection, over voltage protection;
- Economical and easy to operate;
- Operation light indicates working status of sensor

Proximity sensor				
Model	IF17B-05-DO IF18B-05-DC	IF17B-05-NO IF17B-05-NC IF17B-05-NOL	IF17B-05-PO IF17B-05-PC IF17B-05-POL	IF17N-10-NO IF17N-10-NOL
General parameters:				

Installation method	Flush style	Flush style	Flush style	Non-flush
Detection distance	5mm±10%	mm±10%	5mm±10%	10mm±10%
Set distance	≤15%			
Set distance	0~4mm	0~4mm	0~4 mm	0~8mm
Mechanical/Electronic Parameters:				
Operating voltage	10-30VDC	12-24VDC		
No-load current	Max.8mA	Max.5mA	Max.8mA	
Voltage drop	Max.5.5V	Max.1.7V (-NO) Max.1.3V (-NOL)	Max.1.7V (-NO) Max.1.3V (-NOL)	
Operating frequency	350Hz	500Hz	500Hz	500Hz
Indicator light	Operation indicator: yellow			
Function	Short circuit protection,reverse polarity protection			
Action mode	Normally closed (C) / normally open (O) depending on the specific model			
Control output	Transistor output	NPN	PNP	NPN
Wiring	Direct outlet,DC2 wire,φ4,2*0.2 mm <sup>2</sup> ,standard wire length: 2m	Direct outlet,DC3 wire,φ4,3*0.2 mm <sup>2</sup> , standard wire length: 2m		
Protection rating	IP67			
Work temperature	-20°C~70°C ( without freezing ) 35~95% RH			
Dimensions	Please check the dimension drawing ( Model plus L is long tail )			