

Proximity Sensor Specification

Client		Model	FPS-2314 Series
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MODEL: FPS-2314L

FPS-2314R

Clients Verify

Reed Switch AT Range	Sensing Distance		
	Ferrite magnet	NdfeB magnet	
AT10-15 (Standard)	7	12	<p>Movement Explain:</p> <ol style="list-style-type: none"> 1. When magnet approach the sensor , the switch turn ON. 2. When magnet move away from the sensor ,the switch turn OFF. <p>Matters need attention:</p> <ol style="list-style-type: none"> 3. Magnetizer are not allowed to install surrounded the sensor. (If magnetizer surround sensor ,the sensitive distance will greatly reduce) 4. If there are electric appliances near the sensor ,pls considering the magnetic field influence. 5. This switch is one kind of sensitive components, should not be strike and thrown from high altitude .If done,pls re-check the function of switch .
AT15-20	6	11	
AT20-25	5	10	
Connection Terminal	Model	Options	
Chinese-make	XH-2.54		
Japanese-make	SXH-001T-0.6		
Korean-make	YST025		

MATERIAL SPECIFICATION

Item No.:FPS-2314L/R-03A10F/N-500-025

1.Housing: ABS /Black/Fireproofing	1.Contact Form: Normally Open	1.Connection Terminal: YST025
2.Pouring Sealant: Epoxy Resin	2.Switching Power: 10Watt	2.Wire: 1007 AWG24
3.Operating Temp: -40~+85℃	3.Switching Voltage: 200Vdc/140Vac	3.Wire Length: 500mm X 2
4.Mounting Holes: <u>Left / Right</u>	4.Switching Current: 0.5A	4.Dimension: H6*W14*L23mm
5.Magnet: <u>Ferrite / NdfeB</u>	5.Max intialcontact Resistance: ≤200mΩ	5.Reed Switch built-in: RI-03

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