

# FR08 Series



Specification	FR08 series	
	Type (flush)	Type (non-flush)
DC 3-wire NPN NO	FR08-1.5DN	FR08-2DN
DC 3-wire NPN NC	FR08-1.5DN2	FR08-2DN2
DC 3-wire PNP NO	FR08-1.5DP	FR08-2DP
DC 3-wire PNP NC	FR08-1.5DP2	FR08-2DP2
DC 2Wires NO	FR08-1.5DO	FR08-2DO
DC 2Wires NC	FR08-1.5DC	FR08-2DC
Sensing distance	1.5mm±10%	2mm±10%
Sensing object	metal	
Standard object	Iron 8x8x1mm	
Supply voltage	DC type : 10-30VDC	
Current consumption	DC type : 5mA max	
Response frequency	DC type:800Hz max	
Control output	Resistive load:100mA max.	
Circuit protection	Reverse polarity,surge absorber	
Operating temperature	-25°C to +75°C (non-freezing condition)	
Residual voltage	DC 3-wire type : 1.5V max.,	
Insulation resistance	Min. 50MΩ (500VDC)	
Enduring voltage	AC1500V 50/60Hz for 1minute	
Protection	IP67 (IEC specification)	