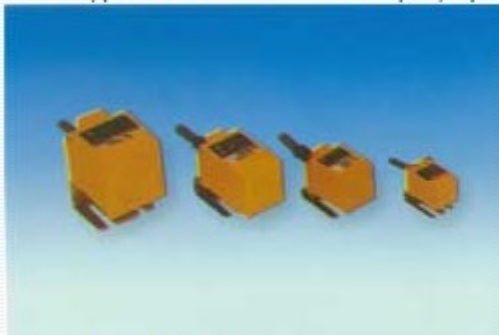


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Square type proximity switch

·Features

- . Economic price.
- .Wide operating voltage range:3 wire 10-30VDC and 2 wire 90-250 VAC.
- . With operating indicator LED.
- .May drive 150 mA loads directly.
- .DC type with reverse-polarity proof.
- .DC S5, S10, S20 type with short circuit and over load proof.
- .The lowest residual voltage.
- .AC types are O-cross SCR output, operating stable.



·Type/specifications

Item		DC Type				AC Type			
Type	NO	NPN	TP-SM5N1	TP-SM5N1	TP-S10N1	TP-S20N1	TP-S5A1 (SCR)	TP-S10A1 (SCR)	TP-S20A1 (SCR)
		PNP	TP-SM5P1	TP-S5P1	TP-S10P1	TP-S20P1			
	NC	NPN	TP-SM5N2	TP-S5N2	TP-S10N2	TP-S20N2	TP-S5A2 (SCR)	TP-S10A2 (SCR)	TP-S20A2 (SCR)
		PNP	TP-SM5N2	TP-S5P2	TP-S10P2	TP-S20P2			
Detecting distance			5mm	7mm	10mm	20mm	7mm	10mm	20mm
Standard detectable object			Iron 18x18 xlt	Iron 25x25 xlt	Iron 30x30 xlt	Iron 40x40 xlt	Iron 25x25 xlt	Iron 30x30 xlt	Iron 40x40 xlt
Response frequency			1KHz	800Hz	500Hz	200Hz	20Hz		
Rated voltage			10-30 VDC				90-250VAC		
Current consumption			15mA max				2mA max		
Load current			150 mA max				3-200 mA		
Residual voltage			1.5V max				7 V max		
Ambient temperature			Operating: -20 to 70°C						
The variation due to the variation of operating voltage			DC TYPE : $\pm 2.5\%$ AC TYPE : $\pm 1\%$						
The variation due to the variation of ambient temperature			在 -20 到 70°C 之間: $\pm 10\%$						
Enclosure rating			IP 67						
Cable length			2N						