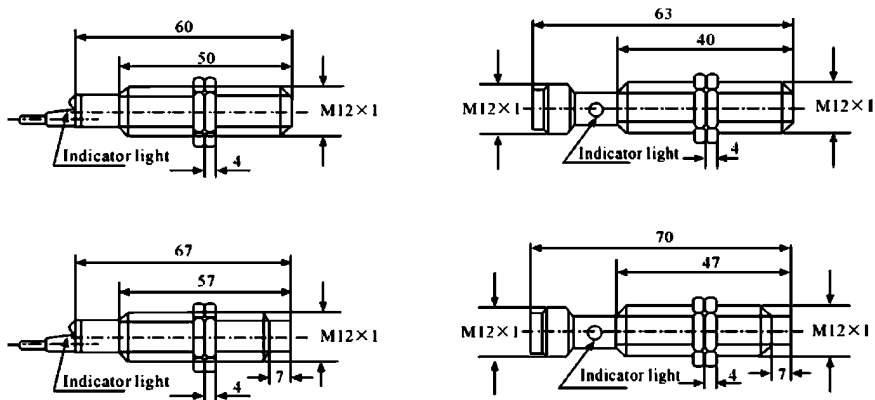


JM12L Inductive Proximity Sensor



Detected Distance S_n		2mm	4mm	2mm	4mm	
Setting Distance S_n		0-1.6mm	0-3.2mm	0-1.6mm	0-3.2mm	
Standard Detected A3 Steel		$12 \times 12 \times 1\text{mm}^3$	$12 \times 12 \times 1\text{mm}^3$	$12 \times 12 \times 1\text{mm}^3$	$12 \times 12 \times 1\text{mm}^3$	
Installation mode		Flush Type	Not flush Type	Flush Type	Not flush Type	
DC power	NPN	NO	JM12L-F2NK	JM12L-Y4NK	JM12L-F2NKE	JM12L-Y4NKE
		NC	JM12L-F2NB	JM12L-Y4NB	JM12L-F2NBE	JM12L-Y4NBE
		NO/NC	JM12L-F2NH	JM12L-Y4NH	JM12L-F2NHE	JM12L-Y4NHE
	PNP	NO	JM12L-F2PK	JM12L-Y4PK	JM12L-F2PKE	JM12L-Y4PKE
		NC	JM12L-F2PB	JM12L-Y4PB	JM12L-F2PBE	JM12L-Y4PBE
		NO/NC	JM12L-F2PH	JM12L-Y4PH	JM12L-F2PHE	JM12L-Y4PHE
	Two-wire system NO		JM12L-F2TK	JM12L-Y4TK	JM12L-F2TKE	JM12L-Y4TKE
Two-wire system NC		JM12L-F2TB	JM12L-Y4TB	JM12L-F2TBE	JM12L-Y4TBE	
AC power	Two-wire system NO		JM12L-F2AK	JM12L-Y4AK	JM12L-F2AKE	JM12L-Y4AKE
	Two-wire system NC		JM12L-F2AB	JM12L-Y4AB	JM12L-F2ABE	JM12L-Y4ABE
	Three-wire System Open/Close					
Supply voltage		DC10-30V AC90-250V				
Current consumption		NPN/PNP Transistor 10---15mA, DC two-wire $\leq 0.8\text{mA}$, AC $\leq 2\text{mA}$				
Output current		NPN/PNP Transistor $\leq 200\text{mA}$, DC two-wire 60---80mA, AC $\leq 300\text{mA}$				
Output voltage drop		NPN/PNP Transistor $\leq 1.5\text{V}$, DC two-wire $\leq 7\text{V}$, AC $\leq 8\text{V}$				
Response frequency		NPN/PNP Transistor 400---800Hz, DC two-wire 200Hz, AC 10---15Hz				
Detected object		Metal				
Housing material		Metal				
Ambient temperature		-25~70°C				
Insulation resistance		$\geq 30\text{M } \Omega$ above				
Protection degree		IP67				