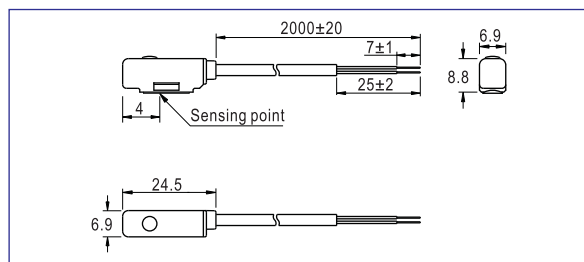


# Sensor switch

## CS1-M Series



### Dimensions



### Specification

Item\Type	CS1-M	CS1-MX
Switch logic	STSP Normally opened type	
Switch type	Reed switch with contact	
Operating voltage(V)	5~240V AC/DC	
Max. Switching current(mA)	100	
Switching rating(W)	Max. 10	
Current consumption	No	
Voltage drop	2.5V Max. @100mA DC	
Cable	Φ 3.3,2C Gray oil resistant PVC (Flame retarded)	
Indicator	Red LED	No
Leakage current	No	
Sensitivity(Gauss)	S06~S10	45~55
	S12~S16	55~65
	S20~S63	65~75
	A20~A40	65~75
Max. Frequency(Hz)	200	
Shock(m/s <sup>2</sup> )	300	
Vibration(m/s <sup>2</sup> )	90	
Temperature range(°C) ①	-10~70	
Enclosure classification	IP67(NEMA6)	
Protection circuit	No	

① Note: Please contact us for high temperature resistant(125°C), low temperature resistant(-40~-25°C) and explosion-proof sensor switch.

### Ordering code

CS1 M X 020 S 06	
<b>Number of sensor switch</b> CS1: Sensor switch	<b>Bore size</b> Cylinder barrel material Bore size Aluminum alloy 20: Φ 20mm 25: Φ 25mm 32: Φ 32mm 40: Φ 40mm 63: Φ 63mm Stainless steel 06: Φ 6mm 08: Φ 8mm 10: Φ 10mm 12: Φ 12mm 16: Φ 16mm 20: Φ 20mm 25: Φ 25mm 32: Φ 32mm 40: Φ 40mm 50: Φ 50mm
<b>Specification of sensor switch</b> Specification Product Series M: M type PB, MA, MAL, MI, MF	
<b>Model of sensor switch</b> Blank: two-line magnetic spring pipe with contact/normally opened X: two-line magnetic spring pipe with contact, without indicator light/normally opened	
<b>① Connecting way</b> C08: M8 quick joint, length of wire is 150mm C12: M12 quick joint, length of wire is 150mm 020: length of wire is 2m 030: length of wire is 3m 050: length of wire is 5m 100: length of wire is 10m	<b>Cylinder Barrel material</b> S: Stainless steel A: Aluminum alloy

① Note: The quick joint that is attached at the end of wire is three-needle-male joint-linear-rotary screw thread type. The female joint plug has to be ordered additionally. Please refer to P420 for the specific data.

### Mounting

Installation example	Installation method
	<p>No additional accessories are necessary for the sensor switch of CS1-M, CS1-MX series. It can be directly fixed onto the cylinder, which is convenient and fast.</p> <p>1. Strap band round the cylinder barrel. Snap the clamping screw into button orifice and adjust it to the proper position. Properly tighten the clamping screw to fix.</p>



Sensor switch