

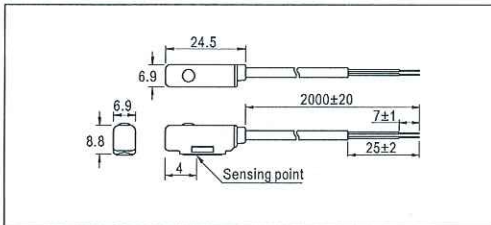
Sensor switch

AIRTAC

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	Φ3.3,2C 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 ²)	300	
Vibration(m/s ²)	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

Number of sensor switch CS1: Sensor switch	Bore size <table border="1"> <thead> <tr> <th>Body material</th> <th>Bore size</th> </tr> </thead> <tbody> <tr> <td rowspan="4">Aluminum alloy</td> <td>20: Φ20mm</td> </tr> <tr> <td>25: Φ25mm</td> </tr> <tr> <td>32: Φ32mm</td> </tr> <tr> <td>40: Φ40mm</td> </tr> <tr> <td rowspan="7">Stainless steel</td> <td>06: Φ6mm</td> </tr> <tr> <td>08: Φ8mm</td> </tr> <tr> <td>10: Φ10mm</td> </tr> <tr> <td>12: Φ12mm</td> </tr> <tr> <td>16: Φ16mm</td> </tr> <tr> <td>20: Φ20mm</td> </tr> <tr> <td>25: Φ25mm</td> </tr> <tr> <td>32: Φ32mm</td> </tr> <tr> <td>40: Φ40mm</td> </tr> <tr> <td>50: Φ50mm</td> </tr> <tr> <td>63: Φ63mm</td> </tr> </tbody> </table>	Body material	Bore size	Aluminum alloy	20: Φ20mm	25: Φ25mm	32: Φ32mm	40: Φ40mm	Stainless steel	06: Φ6mm	08: Φ8mm	10: Φ10mm	12: Φ12mm	16: Φ16mm	20: Φ20mm	25: Φ25mm	32: Φ32mm	40: Φ40mm	50: Φ50mm	63: Φ63mm
Body material	Bore size																			
Aluminum alloy	20: Φ20mm																			
	25: Φ25mm																			
	32: Φ32mm																			
	40: Φ40mm																			
Stainless steel	06: Φ6mm																			
	08: Φ8mm																			
	10: Φ10mm																			
	12: Φ12mm																			
	16: Φ16mm																			
	20: Φ20mm																			
	25: Φ25mm																			
32: Φ32mm																				
40: Φ40mm																				
50: Φ50mm																				
63: Φ63mm																				
Specification of sensor switch <table border="1"> <thead> <tr> <th>Specification</th> <th>Product Series</th> </tr> </thead> <tbody> <tr> <td>M: M type</td> <td>PB, MA, MAL, MI, MF, MG</td> </tr> </tbody> </table>	Specification	Product Series	M: M type	PB, MA, MAL, MI, MF, MG																
Specification	Product Series																			
M: M type	PB, MA, MAL, MI, MF, MG																			
Model of sensor switch Blank: two-line magnetic spring pipe with contact/normally opened X: two-line magnetic spring pipe with contact, without indicator light/normally opened																				
① Connecting way 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																				
	Body material 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 P442 for the specific data.

Mounting

Installation example	Installation method
	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. 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.

