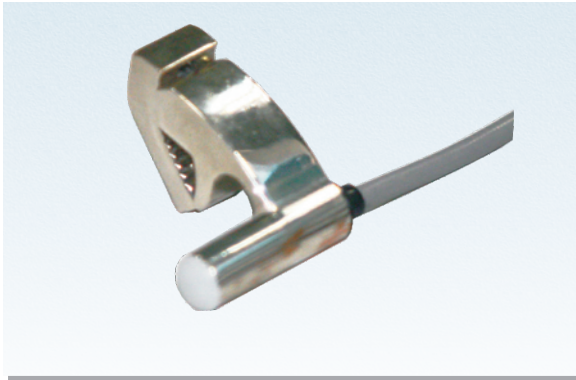
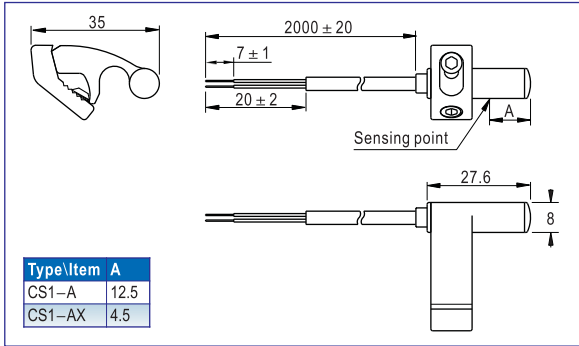


# Sensor switch

## CS1-A Series



### Dimensions



### Specification

Item\Type	CS1-A	CS1-AX
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)	60~75	
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 A X 020**

- Number of sensor switch**
  - CS1: Sensor switch
- Specification of sensor switch**

Specification	Product Series
A: A type	Use for SC series
- 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
- Connecting way ①**

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

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-A, CS1-AX series. It can be directly fixed onto the cylinder, which is convenient and fast.</p> <ol style="list-style-type: none"> <li>Loosen the connecting screw and clamping screw and adjust the open angle of the collet.</li> <li>Push the button of sensor switch to the bar and adjust it to the proper position. Finally properly tighten the clamping screw to fix.</li> </ol>



Sensor switch