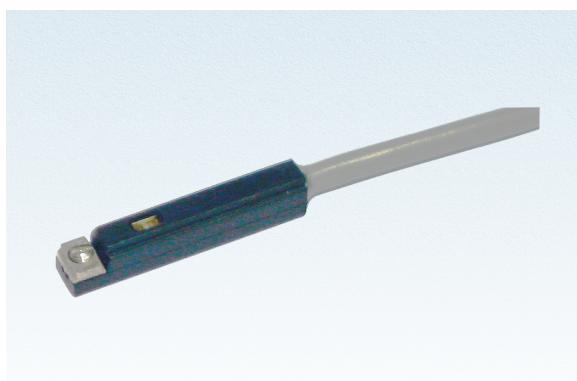


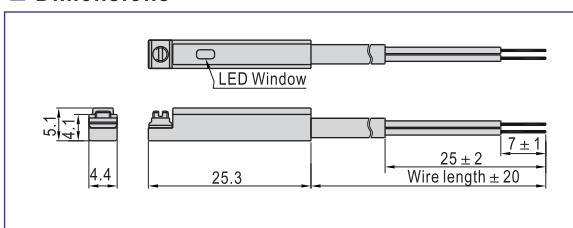
# Sensor switch

## CS1-G Series

AIRTAC



### Dimensions



### Ordering code

Model can be changed Ordering code. Example:

Specification of sensor switch: CS1-G type

Model of sensor switch: two-line magnetic spring pipe with contact, without indicator light/normally opened

Connecting way: length of wire is 2m

**Model: CS1-G X-020**

**Ordering code: CS1 G X 020**

Number of sensor switch

Specification of sensor switch

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

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

### Specification

Item	Type	CS1-G	CS1-GX
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 2.8,2C 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.

### Explain of model

**CS1-G X-020**

Number of sensor switch

CS1: Sensor switch

Specification of sensor switch

Specification Product Series

G: G type MD/MK/TR/TC/ACP/ACQ/STW  
TWH/TWM/TWQ/SDA20~100  
QCK/HFZ10~40/HFY10~32

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

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

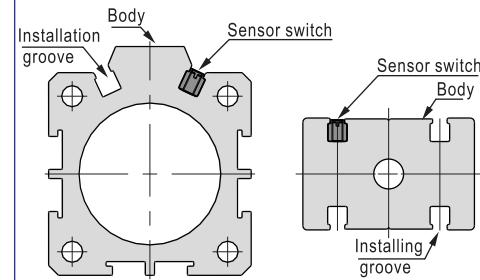
① Note: The quick joint that is attached at the end of wire is three-needle-male joint-linear-rotary screw thread type. The female joint plug has to be ordered additionally. Please refer to P426 for the specific data.

### Mounting

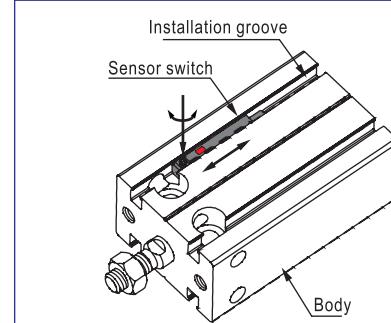
CS1-G, CS1-GX(SDA, ACQ, ACP, MD, MK, STW, TWH(M), TWQ, TC Series)

Installation example

Installation method



No additional accessories are necessary for the sensor switch of CS1-G, CS1-GX series. It can be directly fixed onto the groove of the cylinder, which is convenient and fast.



1. Loosen the clamping screw on sensor switch, lead the sensor switch to the additional slot and adjust it to the proper position. Tighten the clamping screw to fix.



Sensor switch