

Sensor switch

CS1-B1~B8(X) Series

AIRTAC



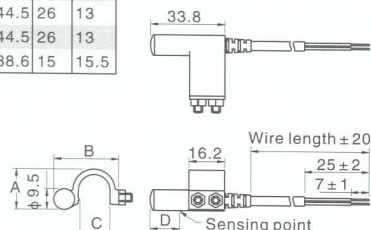
Specification

Item/type	CS1-B□	CS1-B□X
Switch logic	STSP Normally opened type	
Sensor 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 4.0, 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 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 (125~150°C), low temperature resistant (-40~-25°C) and explosion-proof sensor switch.

Dimensions

Model\Item	A	B	C	D
CS1-B1(X)	16.2	27.6	11	15.5
CS1-B2(X)	18.2	29.7	14	15.7
CS1-B3(X)	21.9	31.7	16.6	15.5
CS1-B4(X)	25.8	34.7	18	15.5
CS1-B5(X)	31.7	37.5	19	13
CS1-B6(X)	39.4	44.5	26	13
CS1-B7(X)	46.4	44.5	26	13
CS1-B8(X)	25	38.6	15	15.5



Ordering code

CS1 — B1 X — 020

Number of sensor switch

Specification of sensor switch

- B1: B1 Type (Used for SI32(40), SGC125)
- B2: B2 Type (Used for SI50(63))
- B3: B3 Type (Used for SI80)
- B4: B4 Type (Used for SI100)
- B5: B5 Type (Used for SI125, SGC250)
- B6: B6 Type (Used for SI160)
- B7: B7 Type (Used for SI200)
- B8: B8 Type (Used for SGC160(200))

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

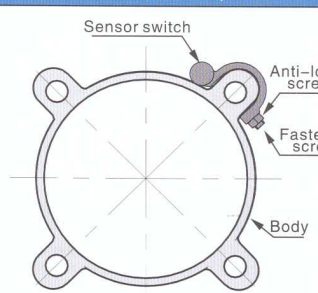
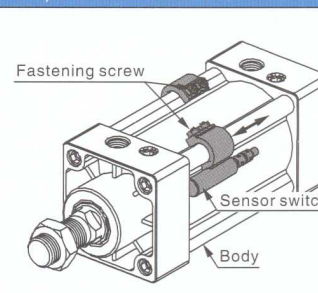
- Blank: two-line magnetic spring pipe with contact/normally opened
- X: two-line magnetic spring pipe with contact, without indicator light/normally opened

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 PVI-94 for the specific data.

Mounting

No installation accessories are necessary for the sensor switch of CS1-B (X) series. It can be directly fixed onto the cylinder, which is convenient and fast.

CS1-B1(X, N, P) ~B8(X, N, P) (SI SGC Series)

Installation method

Loosen the clamping screw, snap the sensor switch on the outer surface of the cylinder, and adjust it to the proper position. Tighten the clamping screw and then tighten the anti-loose screw cap to fix.

