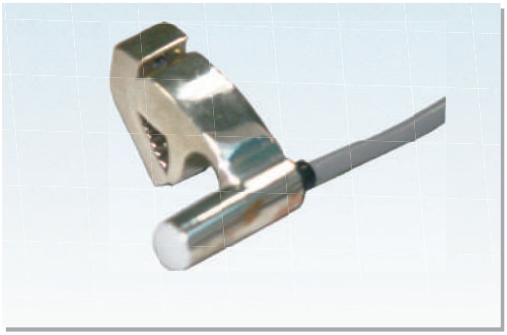
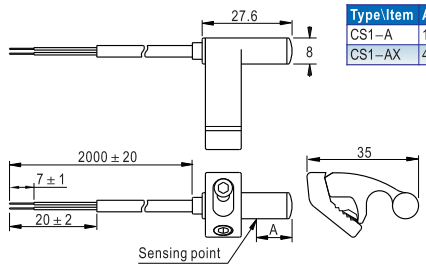


Dimensions



Type\Item	A
CS1–A	12.5
CS1–AX	4.5

Ordering code

Model can to be changed Ordering code. Example:
Specification of sensor switch: CS1–A 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–A X-020

Ordering code: CS1 A 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 is10m

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	Φ3.3,2C Gray oil resistant PVC (Flame retarded)	
Indicator	Red LED	No
Leakage current	No	
Sensitivity(Gauss)	60~75	
Max. Frequency(Hz)	200	
Shock(m/s^2)	300	
Vibration(m/s^2)	90	
Temperature range(℃) ①	-10~70	
Enclosure classification	IP67(NEMA6)	
Protection circuit	No	

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

Explain of model

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

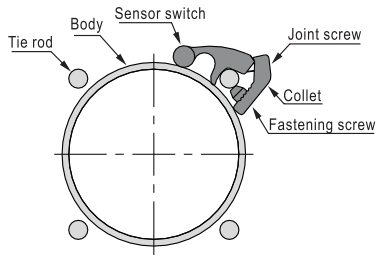
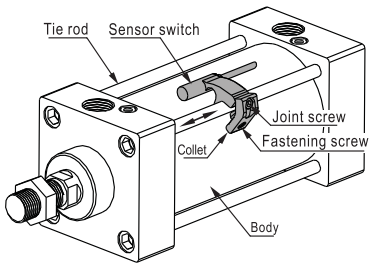
① Connecting way

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 is10m

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

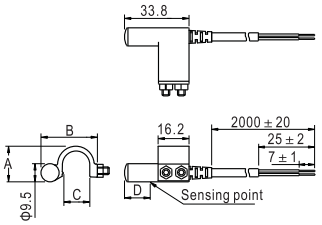
CS1-A, CS1-AX(SC, SCL Series)

Installation example	Installation method
	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. 1. Loosen the connecting screw and clamping screw and adjust the open angle of the collet. 2. Push the button of sensor switch to the bar and adjust it to the proper position. Finally properly tighten the clamping screw to fix.
	

Sensor switch

CS1-B1~B8 Series

Dimensions



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

Ordering code

Model can to be changed Ordering code. Example:
Specification of sensor switch: CS1-B7 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-B7 X-020

Ordering code: CS1 B7 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 is10m

Specification

Item\Type	CS1-B□	CS1-B□X
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	Φ4.0,2C Gray oil resistant PVC (Flame retarded)	
Indicator	Red LED	No
Leakage current	No	
Sensitivity(Gauss)	60~75	
Max. Frequency(Hz)	200	
Shock(m/s²)	300	
Vibration(m/s²)	90	
Temperature range(℃) ①	-10~70	
Enclosure classification	IP67(NEMA6)	
Protection circuit	No	

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

Explain of model

CS1-B1 X-020

Number of sensor switch
CS1: Sensor switch

Specification of sensor switch

Specification	Product Series
B1: B1 type	Use for SU32~50, SI32(40), JSI32(40), SGC125
B2: B2 type	Use for SU63, SI50(63), JSI50(63)
B3: B3type	Use for SU80, SI80, JSI80
B4: B4 type	Use for SU100, SI100, JSI100
B5: B5 type	Use for SI125, JSI125, SGC250
B6: B6 type	Use for SI160
B7: B7 type	Use for SI200
B8: B8 type	Use for SGC160(200)

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 is10m

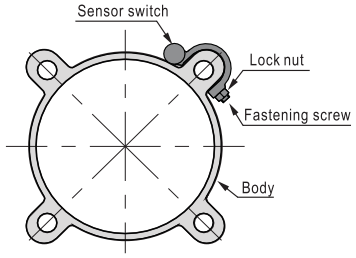
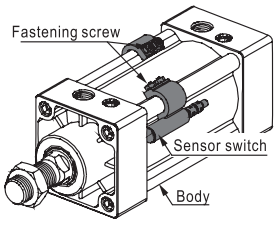
Model of sensor switch

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

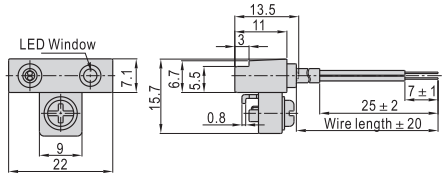
① Note: The quick joint that is attached at the end of wire is three-needle-male joint-linear-rotary screw thread type. The female joint plug has to be ordered additionally. Please refer to P426 for the specific data.

Mounting

CS1-B□, CS1-B□X(SU, SUL, SI, SIL, JSI, SGC, SC Series)

Installation example	Installation method
	No additional accessories are necessary for the sensor switch of CS1-B□, CS1-B□Xseries. It can be directly fixed onto the cylinder, which is convenient and fast. 1. 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 lock nut to fix.
	

Dimensions



Ordering code

Model can to be changed Ordering code. Example:
Specification of sensor switch: CS1–J 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–J X-020

Ordering code: CS1 J 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 is10m

Specification

Item\Type	CS1-J	CS1-JX
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)	60~75	
Max. Frequency(Hz)	200	
Shock(m/s²)	300	
Vibration(m/s²)	90	
Temperature range(℃) ①	-10~70	
Enclosure classification	IP67(NEMA6)	
Protection circuit	No	

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

Explain of model

CS1–J X–020

Number of sensor switch
CS1: Sensor switch

Specification of sensor switch

Specification	Product Series
J: J type	SDA/TN/TWH/TWM/ACQ32~100 TWQ32~50/QCK32~63

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

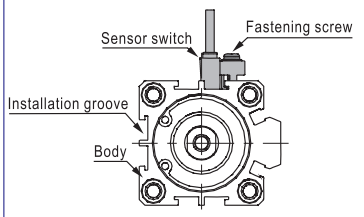
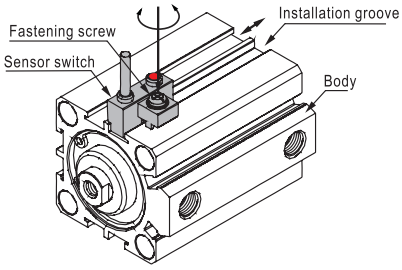
① **Connecting way**

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 is10m

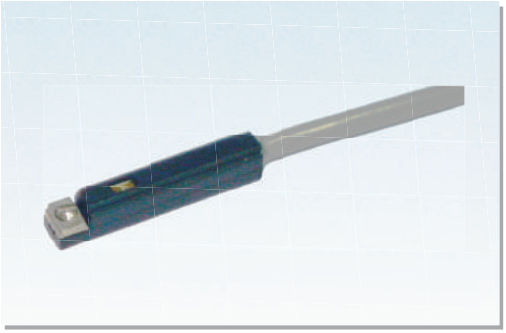
① Note: The quick joint that is attached at the end of wire is three-needle-male joint-linear-rotary screw thread type. The female joint plug has to be ordered additionally. Please refer to P426 for the specific data.

Mounting

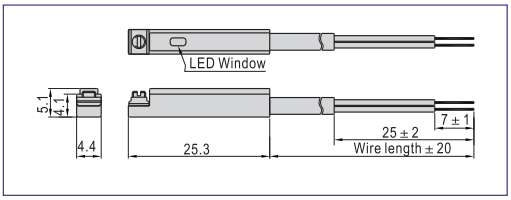
CS1-J, CS1-JX(ACQ, SDA, TN, TWH, TWM, TWQ Series)

Installation example	Installation method
	No additional accessories are necessary for the sensor switch of CS1-J, CS1-JX series. It can be directly fixed onto the cylinder, which is convenient and fast. 1. Loosen the clamping screw, slide the inductive switch to the slot and adjust it to the proper position. Tighten the clamping screw to fix.
	

CS1-G Series



Dimensions



Ordering code

Model can to 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

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

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 is10m

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	Φ2.8,2C Gray oil resistant PVC (Flame retarded)	
Indicator	Red LED	No
Leakage current	No	
Sensitivity(Gauss)	60~75	
Max. Frequency(Hz)	200	
Shock(m/s^2)	300	
Vibration(m/s^2)	90	
Temperature range(℃) ①	-10~70	
Enclosure classification	IP67(NEMA6)	
Protection circuit	No	

①Note: Please contact us for high remperature resistant(125℃),low remperature resistant(–40~–25℃) 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

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

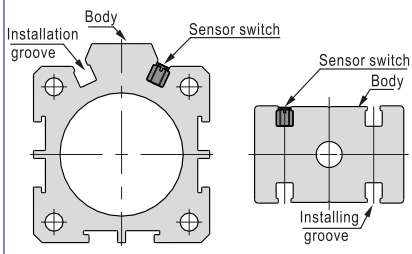
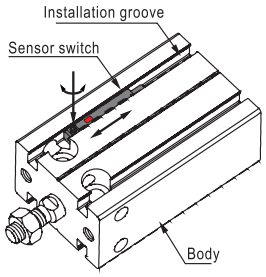
① **Connecting way**

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 is10m

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.

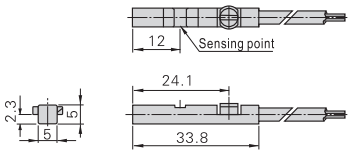
Mounting

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

Dimensions



Ordering code

Model can to be changed Ordering code. Example:
Specification of sensor switch: CS1–E 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–E X-020

Ordering code: CS1 E X 020

Number of sensor switch
CS1: Sensor switch

Specification of sensor switch

Specification	Product Series
E: E type	Use for SE 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

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 is10m

Specification

Item\Type	CS1-E	CS1-EX
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	Φ2.8,2C Gray oil resistant PVC (Flame retarded)	
Indicator	Red LED	No
Leakage current	No	
Sensitivity(Gauss)	45~55	
Max. Frequency(Hz)	200	
Shock(m/s^2)	300	
Vibration(m/s^2)	90	
Temperature range(℃) ①	-10~70	
Enclosure classification	IP67(NEMA6)	
Protection circuit	No	

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

Explain of model

CS1–E X–020

Number of sensor switch
CS1: Sensor switch

Specification of sensor switch

Specification	Product Series
E: E type	Use for SE 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

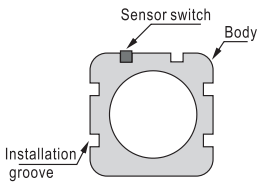
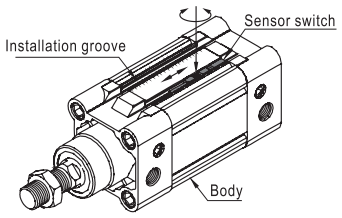
① **Connecting way**

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 is10m

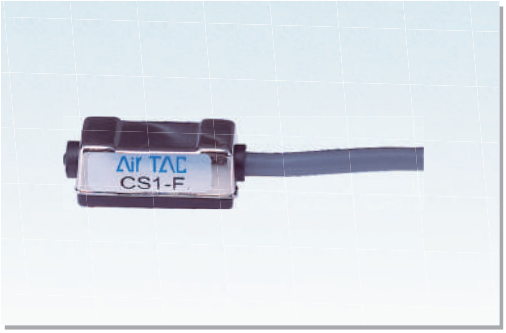
① Note: The quick joint that is attached at the end of wire is three-needle-male joint-linear-rotary screw thread type. The female joint plug has to be ordered additionally. Please refer to P426 for the specific data.

Mounting

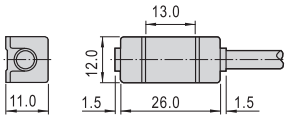
CS1-E, CS1-EX(SE Series)

Installation example	Installation method
	No additional accessories are necessary for the sensor switch of CS1-E, CS1-EX series. It can be directly fixed onto the groove of the cylinder, which is convenient and fast. 1. Adjust the clamping screw on sensor switch slide the sensor switch into the installation slot and adjust it to the proper position and tighten the clamping screw to fix.
	

Sensor switch



Dimensions



Ordering code

Model can to be changed Ordering code. Example:
Specification of sensor switch: CS1–F 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–F X-020

Ordering code: CS1 F X 020

Number of sensor switch	Specification of sensor switch	Model of sensor switch	Connecting way
		Blank: two-line magnetic spring pipe with contact/ normally opened	C08: M8 quick joint, length of wire is 150mm
		X: two-line magnetic spring pipe with contact, without indicator light/normally opened	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 is10m

The ordering code of mounting accessories

Bore size\Series	SC,SCL	SU,SUL	SI,SIL	JSI	MI	MA
8	-	-	-	-	GXPAB-01	-
10	-	-	-	-	GXPAB-01	-
12	-	-	-	-	GXPAB-01	-
16	-	-	-	-	GXPAB-01	-
20	-	-	-	-	GXPAB-01	-
25	-	-	-	-	GXPAB-01	-
32	F-SH32	F-UH32	F-IH32	F-IH32	GXPAB-01	-
40	F-SH40	F-UH40	F-IH40	F-IH40	GXPAB-01	-
50	F-SH50	F-UH50	F-IH50	F-IH50	-	GXPAB-01
63	F-SH63	F-UH63	F-IH63	F-IH63	-	GXPAB-01
80	F-SH80	F-UH80	F-IH80	F-IH80	-	-
100	F-SH100	F-UH100	F-IH100	F-IH100	-	-
125	-	-	F-IH125	F-IH125	-	-
160	-	-	F-IH160	-	-	-
200	-	-	F-IH200	-	-	-

Sensor switch

Specification

Item\Type	CS1-F	CS1-FX
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	Φ4.0,2C 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(℃) ①	-10~70	
Enclosure classification	IP67(NEMA6)	
Protection circuit	No	

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

Explain of model

CS1–F X–020

Number of sensor switch
CS1: Sensor switch

Specification of sensor switch

Specification	Product Series
F: F type	SI, SU, SC, JSI/MI/MA50(63)

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

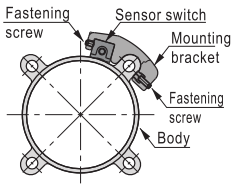
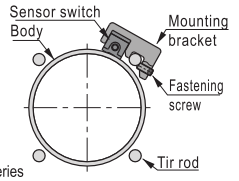
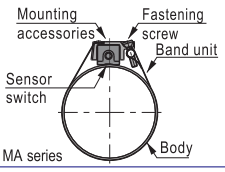
① **Connecting way**

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 is10m

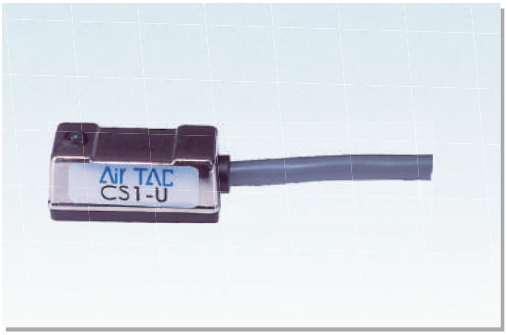
① Note: The quick joint that is attached at the end of wire is three-needle-male joint-linear-rotary screw thread type. The female joint plug has to be ordered additionally. Please refer to P426 for the specific data.

Mounting

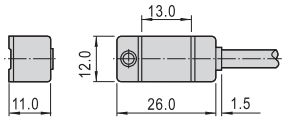
CS1-F, CS1-FX(SI, SU, SC, JSI, MI, MA50(63) Series)

Installation example	Installation method
 Outline 1: Used with SU, SI, JSI series	When the CS1-F, CS1-FX series sensor switch used with different cylinders, different mounting accessories must be ordered. the details are below. 1. When it used with MI, MA50, 63 series cylinders, you must order the band unit(the ordering code is GXPAB–01), then depend on the below outline 3, fixed the sensor switch on the proper position of the cylinder's body with the band unit. 2. When it used with SC series cylinders, you must order the Mounting bracket (the ordering code is below table) , then depend on the below outline 2, fixed the sensor switch on the proper position of the cylinder's body with the mounting bracket. 3. When it used with SU, SI, JSI cylinders, you must order the mounting bracket(the ordering code is below table), then depend on the below outline 1, fixed the sensor switch on the proper position of the cylinder's body with the mounting bracket.
 Outline 2: Used with SC series	
 Outline 3: Used with MI, MA series	

CS1-U Series



Dimensions



Ordering code

Model can to be changed Ordering code. Example:
Specification of sensor switch: CS1–U 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–U X-020

Ordering code: CS1 U 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 is10m

The ordering code of mounting accessories

Bore size\Series	SC,SCL	SU,SUL	SI,SIL	JSI	MI	MA
8	-	-	-	-	GXPAB-01	-
10	-	-	-	-	GXPAB-01	-
12	-	-	-	-	GXPAB-01	-
16	-	-	-	-	GXPAB-01	-
20	-	-	-	-	GXPAB-01	-
25	-	-	-	-	GXPAB-01	-
32	F-SH32	F-UH32	F-IH32	F-IH32	GXPAB-01	-
40	F-SH40	F-UH40	F-IH40	F-IH40	GXPAB-01	-
50	F-SH50	F-UH50	F-IH50	F-IH50	-	GXPAB-01
63	F-SH63	F-UH63	F-IH63	F-IH63	-	GXPAB-01
80	F-SH80	F-UH80	F-IH80	F-IH80	-	-
100	F-SH100	F-UH100	F-IH100	F-IH100	-	-
125	-	-	F-IH125	F-IH125	-	-
160	-	-	F-IH160	-	-	-
200	-	-	F-IH200	-	-	-

Specification

Item\Type	CS1-U	CS1-UX
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	Φ4.0,2C Gray oil resistant PVC (Flame retarded)	
Indicator	Red LED	No
Leakage current	No	
Sensitivity(Gauss)	60~75	
Max. Frequency(Hz)	200	
Shock(m/s²)	300	
Vibration(m/s²)	90	
Temperature range(℃) ①	-10~70	
Enclosure classification	IP67(NEMA6)	
Protection circuit	No	

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

Explain of model

CS1–U X–020

Number of sensor switch
CS1: Sensor switch

Specification of sensor switch

Specification	Product Series
U: U type	SI/SU/SC/JSI/MI/MA50(63)

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

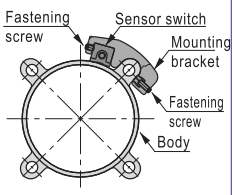
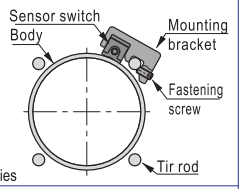
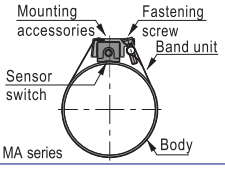
① Connecting way

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 is10m

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.

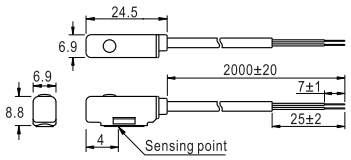
Mounting

CS1-U, CS1-UX(SI, SU, SC, JSI, MI, MA50(63) Series)

Installation example	Installation method
 Outline 1: Used with SU, SI, JSI series	When the CS1-U, CS1-UX series sensor switch used with different cylinders, different mounting accessories must be ordered. the details are below. 1. When it used with MI, MA50, 63 series cylinders, you must order the band unit(the ordering code is GXPAB–01), then depend on the below outline 3, fixed the sensor switch on the proper position of the cylinder's body with the band unit. 2. When it used with SC series cylinders, you must order the Mounting bracket (the ordering code is below table) , then depend on the below outline 2, fixed the sensor switch on the proper position of the cylinder's body with the mounting bracket. 3. When it used with SU, SI, JSI cylinders, you must order the mounting bracket(the ordering code is below table), then depend on the below outline 1, fixed the sensor switch on the proper position of the cylinder's body with the mounting bracket.
 Outline 2: Used with SC series	
 Outline 3: Used with MI, MA series	

Sensor switch

Dimensions



Ordering code

Model can to be changed Ordering code. Example:
Specification of sensor switch: DS1–M type
Model of sensor switch: two-line magnetic spring pipe with contact, without indicator light/normally opened
Connecting way: length of wire is 2m
Body mateial: Aluminum alloy
Bore size: 32mm

Model: CS1–M P-020-A 32

Ordering code: CS1 M X 020 A 32

- CS1 — Number of sensor switch
- M — Specification of sensor switch
- X — Model of sensor switch
- 020 — Connecting way
- A — Body material
- 32 — Bore size

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 is10m

Body material
S: Stainless steel
A: Aluminum alloy

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(℃) ①		-10~70	
Enclosure classification		IP67(NEMA6)	
Protection circuit		No	

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

Explain of model

CS1–M X–020–S 06

Number of sensor switch
CS1: Sensor switch

Specification of sensor switch	
Specification	Product Series
M: M type	PB/MA/MAL/MI/MF

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

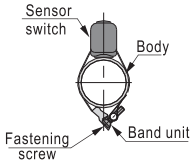
Connecting way ①
C08: M8 quick joint, length of wire is 150mm
C12: M12 quick joint, length of wire is 150mm
020: length of wire is 2m
030: length of wire is 3m
050: length of wire is 5m
100: length of wire is10m

Bore size	
Body material	Bore size
Aluminum alloy	20: Φ20mm
	25: Φ25mm
	32: Φ32mm
	40: Φ40mm
Stainless stee	06: Φ6mm
	08: Φ8mm
	10: Φ10mm
	12: Φ12mm
	16: Φ16mm
	20: Φ20mm
	25: Φ25mm
	32: Φ32mm
	40: Φ40mm
	50: Φ50mm
	63: Φ63mm

Body material
S: Stainless steel
A: Aluminum alloy

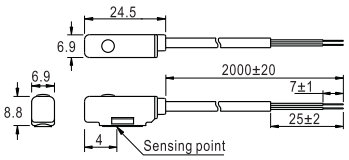
① Note: The quick joint that is attached at the end of wire is three-needle-male joint-linear-rotary screw thread type. The female joint plug has to be ordered additionally. Please refer to P426 for the specific data.

Mounting

CS1-M, CS1-MX(MI, PB, MA, MAL, MF Series)	
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.


Sensor switch

Dimensions



Ordering code

Model can to be changed Ordering code. Example:
Specification of sensor switch: DS1–T type
Model of sensor switch: two-line magnetic spring pipe with contact, without indicator light/normally opened
Connecting way: length of wire is 2m
Body mateial: Aluminum alloy
Bore size: 32mm

Model: CS1–T P-020-A 32

Ordering code: CS1 T P 020 A 32

- CS1 — Number of sensor switch
- T — Specification of sensor switch
- P — 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

- 020 — 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 is10m

- A — Body material

A: Aluminum alloy

- 32 — Bore size

Specification

Item\Type	CS1-T	CS1-TX
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)	55~65	
Max. Frequency(Hz)	200	
Shock(m/s^2)	300	
Vibration(m/s^2)	90	
Temperature range(℃) ①	-10~70	
Enclosure classification	IP67(NEMA6)	
Protection circuit	No	

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

Explain of model

CS1–T X–020–A–32

- CS1 — Number of sensor switch: CS1: Sensor switch
- T — Specification of sensor switch

Specification	Product Series
T: T type	TWG

- X — 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

- 020 — ① Connecting way

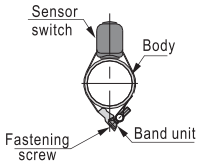
C08: M8 quick joint, length of wire is 150mm
C12: M12 quick joint, length of wire is 150mm
020: length of wire is 2m
030: length of wire is 3m
050: length of wire is 5m
100: length of wire is10m

- A — Body material: A: Aluminum alloy
- 32 — Bore size

32: Φ32mm
40: Φ40mm
50: Φ50mm

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-T, CS1-TX(TWG Series)	
Installation example	Installation method
	No additional accessories are necessary for the sensor switch of CS1-T, CS1-TX 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.