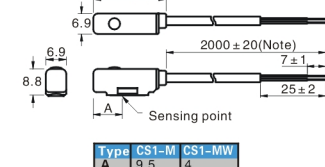
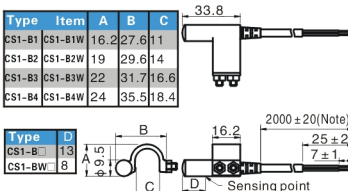
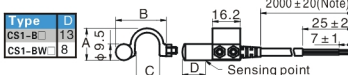


CS1-M、CS1-MW Series

Photo & Dimension	Item/Type	CS1-M	CS1-MW						
	Switch logic	STSP, Normally open	Solid state output, Normally open						
	Sensor type	Reed switch type	NPN Current sinking						
	Operating voltage(V)	5~240V AC/DC	5 ~ 30V DC						
	Max. Switching current (mA)	100	200						
	Switching rating (W)	Max. 10	Max. 6						
	Current consumption	No	15mA Max. @24V						
	Voltage drop	2.5V Max. @100mA DC	0.5V Max. @200mA DC						
	Cable	φ3.3, 2C, Gray oil resistant PVC	φ 3.3, 3C, Black oil resistant PVC						
	Indicator	Red LED	Red LED						
	Leakage current	No	0.01mA Max.						
 <table><tr><th>Type</th><th>CS1-M</th><th>CS1-MW</th></tr><tr><th>A</th><td>9.5</td><td>4</td></tr></table> Note: Standard length is 2000mm, available also on 3000mm, 4000mm and 5000mm.	Type	CS1-M	CS1-MW	A	9.5	4	Sensitivity (Gauss)	60~70	60~70
	Type	CS1-M	CS1-MW						
	A	9.5	4						
	Max. Frequency (Hz)	200	1000						
	Shock (m/s ²)	300	500						
	Vibration (m/s ²)	90	90						
	Temperature range(°C)	-10~70	-10~70						
	Enclosure classification	IP67(NEMA6)	IP67(NEMA6)						
	Protection circuit	No	Power protection reverse; Surge suppression						

CS1-B1~CS1-B4, CS1-B1W~CS1-B4W Series

Photo & Dimensions					Item\Type	CS1-B1~CS1-B4	CS1-B1W~CS1-B4W
					Switch logic	STSP Type, Normally open	Solid state output, Normally open
					Sensor type	Reed switch type	NPN Current sinking
					Operating voltage (V)	5~240V AC/DC	5 ~ 30V DC
					Max. Switching current(mA)	100	500
					Switching rating (W)	Max. 10	Max. 15
					Current consumption	No	21mA Max. @24V
					Voltage drop	2.5V Max. @100mA DC	1.5V Max. @500mA DC
					Cable	φ4.0, 2C, Gray oil resistant PVC	φ 4.0, 3C, Black oil resistant PVC
					Indicator	Red LED	Red LED
					Leakage current	No	No
					Sensitivity (Gauss)	65~75	65~75
					Max. Frequency (Hz)	200	1000
					Shock (m/s ²)	300	500
					Vibration (m/s ²)	90	90
					Temperature range (°C)	-10~70	-10~70
Note: Standard length is 2000mm, available also on 3000mm, 4000mm and 5000mm.					Enclosure classification	IP67(NEMA6)	IP67(NEMA6)
					Protection circuit	No	Power reverse polarity, Surge suppression; O/P Short circuit protection

Compatible Cylinder Series

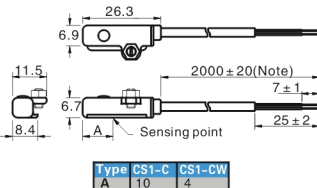
CS1-M(W) Sensor switch compatible table						
Bore size	PB Series	MI Series	MA Series	MAL Series	MF Series	ACK Series
6	CS1-M(W)	x	x	x	x	x
8	x		x	x	x	x
10			x	x	x	x
12	CS1-M(W)		x	x	x	x
16		CS1-M(W)		x	x	x
20	x					x
25	x			CS1-M(W)	CS1-M(W)	
32	x					
40	x					
50	x	x		x	x	
63	x	x		x	x	

CS1-B1(W)~CS1-B4(W) Sensor switch compatible table					
Bore size	SU, SUL Series	SI, SIL Series	JSI Series	SGC Series	
32	CS1-B1(W)	CS1-B1(W)	CS1-B1(W)	x	
40	CS1-B1(W)	CS1-B1(W)	CS1-B1(W)	x	
50	CS1-B1(W)	CS1-B2(W)	CS1-B2(W)	x	
63	CS1-B2(W)	CS1-B2(W)	CS1-B2(W)	x	
80	CS1-B3(W)	CS1-B3(W)	CS1-B3(W)	x	
100	CS1-B4(W)	CS1-B4(W)	CS1-B4(W)	x	
125	x	x	—	CS1-B1(W)	
160	x	x	—	CS1-B2(W)	
200	x	x	—	CS1-B3(W)	
250	x	x	x	CS1-B4(W)	

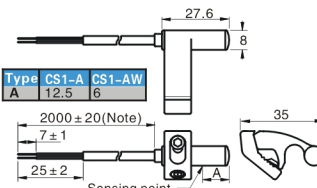
Note: x means this series of cylinder hasn't this bore size.

Note: x means this series of cylinder hasn't this bore size.
— means this type of cylinder without sensor switch.

CS1-C、CS1-CW Series

Photo & Dimensions	Item\Type	CS1-C	CS1-CW						
  <table border="1" data-bbox="182 544 318 572"><tr><th>Type</th><th>CS1-C</th><th>CS1-CW</th></tr><tr><th>A</th><td>10</td><td>4</td></tr></table> Note: Standard length is 2000mm, available also on 3000mm, 4000mm and 5000mm.	Type	CS1-C	CS1-CW	A	10	4	Switch logic	STSP type, normally open	Solid state output , normally open
	Type	CS1-C	CS1-CW						
	A	10	4						
	Sensor type	Reed switch type	NPN Current sinking						
	Operating voltage (V)	5~240V AC/DC	5 ~ 30V DC						
	Max. switching current (mA)	100	200						
	Switching rating (W)	Max. 10	Max. 6						
	Current consumption	No	15mA Max. @24V						
	Voltage drop	2.5V Max. @ 100mA DC	0.5V Max. @200mA DC						
	Cable	φ3.3, 2C, Gray oil resistant PVC	φ 3.3, 3C, Black oil resistant PVC						
Indicator	Red LED	Red LED							
Leakage current	No	0.01Ma Max.							
Sensitivity (Gauss)	55~70	55~70							
Max. Frequency (Hz)	200	1000							
Shock (m/s ²)	300	500							
Vibration (m/s ²)	90	90							
Temperature range (°C)	-10~70	-10~70							
Enclosure classification	IP67(NEMA6)	IP67(NEMA6)							
Protection circuit	No	Power protection reverse, Surge suppression							

CS1-A、CS1-AW Series

Photo & Dimension	Item\Type	CS1-A	CS1-AW
	Switch logic	STSP type, Normally open	Solid state output, Normally open
	Sensor type	Reed switch type	NPN Current sinking
	Operating voltage (V)	5~240V AC/DC	5 ~ 30V DC
	Max. Switching current (mA)	100	200
	Switching rating (W)	Max. 10	Max. 6
	Current consumption	No	15mA Max. @24V
	Voltage drop	2.5V Max. @100mA DC	0.5V Max. @200mA DC
	Cable	φ3.3, 2C, Gray oil resistant PVC	φ 3.3, 3C, Black oil resistant PVC
	Indicator	Red LED	Red LED
	Leakage current	No	0.01Ma Max.
 Type A CS1-A CS1-AW 12.5 6 2000 ± 20(Note) 7 ± 1 25 ± 2 27.6 8 35 Sensing point	Sensitivity (Gauss)	65~75	65~75
	Max. Frequency (Hz)	200	1000
	Shock (m/s ²)	300	500
	Vibration (m/s ²)	90	90
	Temperature range (℃)	-10~70	-10~70
	Enclosure classification	IP67(NEMA6)	IP67(NEMA6)
	Protection circuit	No	Power protection reverse, Surge suppression

Compatible Cylinder Series

Bore size	SC Series	SCL Series
32	CS1-A(W)	CS1-A(W)
40	CS1-A(W)	CS1-A(W)
50	CS1-A(W)	CS1-A(W)
63	CS1-A(W)	CS1-A(W)
80	CS1-A(W)	CS1-A(W)
100	CS1-A(W)	CS1-A(W)

Note: x means this series of cylinder hasn't this bore size

缸徑	6	10	12	16	20	25	32	40	50	63	80	100
SDA Series	x	x	x	x	x	x	x	x	x	x	x	x
ACO Series	x	x	x	x	x	x	x	x	x	x	x	x
ACP Series	x	x	x	x	x	x	x	x	x	x	x	x
MD Series	x	x	x	x	x	x	x	x	x	x	x	x
TN Series	x	CS1-C(W)	x	x	CS1-C(W)	x	x	x	x	x	x	x
STM Series	x	CS1-D(W)	x	x	CS1-D(W)	x	x	x	x	x	x	x
TWH Series	x	x	x	x	x	x	CS1-C(W)	CS1-D(W)	x	x	x	x
TWQ Series	x	x	x	x	x	x	CS1-D(W)	CS1-C(W)	CS1-D(W)	x	x	x
TCL Series	x	x	x	x	x	x	CS1-D(W)	x	x	x	x	x
TR Series	CS1-D(W)	x	x	x	x	x	x	x	x	x	x	x

Note: x means this series of cylinder hasn't this bore size.