

d) CS1-S,CS1-SP,CS1-SN Magnetic sensor for MA,MAL,DSN Mini cylinder



1. Ordering Code:

CS1	-	S	-	□
↑		↑		↑
Magnetic sensor		S:Basic two cables		Length of cable
		SB:Normal closed		Blank:1m
		Three cables:		2m
		SN:NPN type		3m
		SP:PNP type		4m
				5m

2. Characteristics:

- 1) The CS1-S series magnetic switches are used for **DSN,MA,MAL** mini cylinders.
- 2) The default length of cable is 1meter, more length can be selected,like 2m,3m,4m,5m...
- 3) Mounting it conveniently on the cylinder.

3. Specification:

Model	CS1-S	CS1-SB	CS1-SN	CS1-SP
Switch logic	Normal open	Normal closed	Electronic non-contact,Normal open	
Sensor type	Reed switch type		NPN type,current-in	PNP type,current-out
Operating Voltage	5~240V DC/AC	5~120vdc/ac	5~30V DC	
Switching Current	100mA max		200mA max	
Contact Rating	10W max		6W max	
Current Consumption	No		20mA max@24V(switch active)	
Voltage Drop	2.5V max@100mA		0.5V max@200mA	
Leakage Current	No		0.01mA max	
Indicator	LED in red		LED in red	LED in green
Cable	Φ3.2, 2C, Gray PVC		Φ3.2, 2C, Black PVC	
Sensitivity	60 Gauss			
Max.switch Frequency	200Hz		1000Hz	
Temperature Range	-10~70°C			
Shock	30G		50G	
Vibration	9G			
Fence Classification	IEC 529 IP67 (NEMA6)			
Protection Circuit	No		Reverse Polarity protection,Surge absorbing protection	

4. Connection Diagram:

CS1-S/CS1-SB type

CS1-SN type

CS1-SP type

