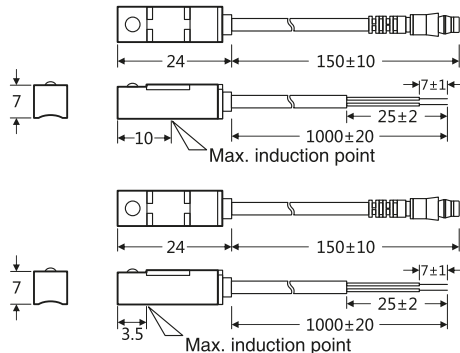




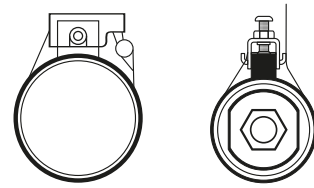
CS1-S
CS1-S-QD

CS1-SN
CS1-SN-QD
CS1-SP
CS1-SP-QD

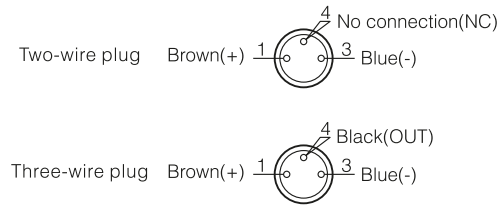


Characteristic	type		CS1-S	CS1-SB	CS1-SN	CS1-SP
Switch logic			SPST NO	SPST NC	Electrical Non-contact; NO	
Sensor type			Contact-reed style		Non-contact solid state NPN	Non-contact solid state PNP
Opreating voltage			5~240V DC/AC	5~120V DC/AC	5~30V DC	
Switching current			100mA max		200mA max	
Contact rating			10W max		6W max	
Internal current consumption			Non		20mA max@24V (Switch active)	
Voltage drop			2.5V max@100mA		0.5V max@200mA	
Leakage current			Non		0.01mA max	
Indicator			Red LED	Green LED	Red LED	Green LED
Cable			3.2Φ, 2C, Brown-oil resistance (PVC)		3.2Φ, 3C, Black-oil resistance (PVC)	
Sensitivity (Note 1)			60 Gauss			
Max.switch frequency			200Hz		1000Hz	
Temperature range			-10~70℃			
Shock (Note 2)			30G		50G	
Vibration (Note 3)			9G			
Protection classification			IEC 529 IP67(NEMA6)			
Protection circuit			Without		With protection circuit	
Circuit diagram						

CS1-S Series cylinder switch need the PAB/BK steel belt to fix.
Suitalbe for AIRTAC, Mindman, CHANTO cylinders



QD connector diagram



- Note:
- Standard magnet for measurement: Φ15.5×Φ8×5T (orthorhombic rubber magnet).
 - Sine wave/X, Y, Z 3 axial/3 loops (each direction) /11ms.
 - The complex amplitude is 1.5mm/10Hz~55Hz~10Hz (reciprocating for 1 minute) /X, Y, Z 3 axial/hour (each cycle).

Cylinder
Switch

CS1-U

CS1-F

CS1-S

CS1-J

CS1-C

CS1-S_i

CS1-M

CS1-G

CS1-G_i

CS1-M_i

CS1-J_i

CS1-D

CS1-H

CS1-L

CS1-E

CS1-Z

M8

Fixation clamp

Fixation belt