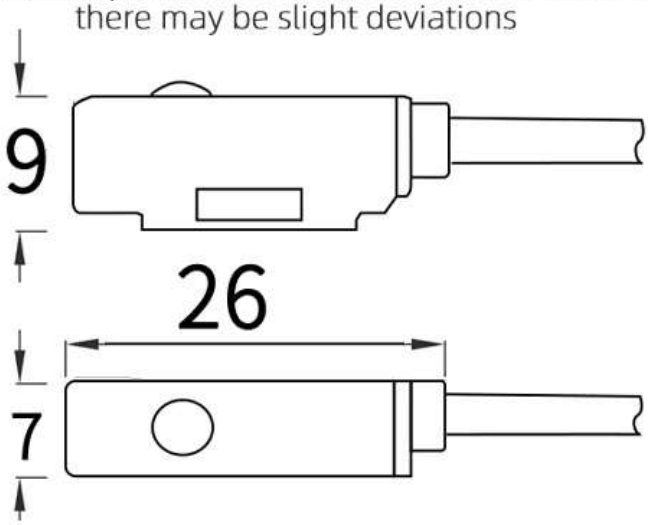
Basic Parameters

Please understand product dimensions are measured manually, there may be slight deviations



Brand	BANGTOS
Product Model	CS1-M
Switching Logic	Electronic non-contact, Normally Open
Max. Switching Current	50mA max.
Internal Voltage Drop	3.5V max.
Contact Capacity	1.5W max.
Operating Voltage	12-24V DC
Indicator Color	Red LED
Response Frequency	1000Hz
Operating Temperature	-10~70°C
Waterproof Grade	IP67
Cable	Φ3.2, 2-core (2C), PVC
Magnetic Field Strength	60 Gauss
Leakage Current	0.1mA (40uA) max.









Ordering code

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, MG

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

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

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	

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

Dimensions

