CS-65-UL SERIES

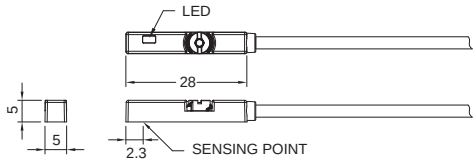
RoHS

Magnetic Sensor

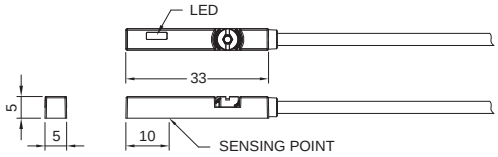
PATENTED

DIMENSIONS

CS-65N-UL, CS-65P-UL, Cs-65D-UL

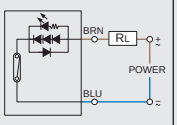
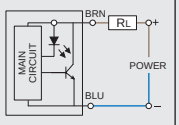
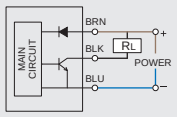
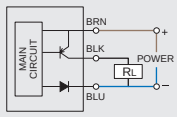
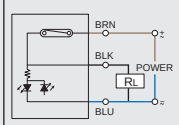


CS-65R-UL, CS-65RP-UL



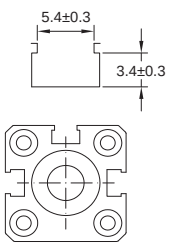
SPECIFICATIONS

Unit:mm

TYPE	CS-65R-UL	CS-65D-UL	CS-65N-UL	CS-65P-UL	CS-65RP-UL
CONNECT DIAGRAM / CHARACTERISTICS					
Wiring Method	2-Wire Type		3-Wire Type		
Switching Logic	SPST, Normally Open	Solid State Output, Normally Open			SPST, Normally Open
Sensor Type	Reed Switch	-	NPN Current Sinking	PNP Current Sourcing	Reed Switch
Operating Voltage	5~30V DC/AC	10~28V DC			10~30V DC/AC
Switching Current	60mA max.	40mA max.	100mA max.		
Contact Rating (*1)	1.8W max.	1.2W max.	3W max.		
Current Consumption	-	10mA @ 24V DC max.			
Voltage Drop	3.0V max.	3.5V max.	1.5V max.		0.1V @ 100mA max.
Leakage Current	-	0.8mA max.	0.05mA max.		-
Indicator	Red LED			Yellow LED	
Cable	ø2.8, 2C, PUR		ø2.8, 3C, PUR		
Operating Frequency	200Hz	1000Hz			200Hz
Magnet Requirement (*2)	75Gauss	50Gauss			65Gauss
Temperature Range	-10~60˚C	-10~70˚C (+14~158˚F)			
Shock (*3)	30G	50G			30G
Vibration (*4)	9G				
Enclosure Classificaz	IEC 60529 IP67 (NEMA 6)				
Protection Circuit (*5)	1	2	2,3,4		1

NOTE:
1. WARNING: Never exceed rating (Watt=Voltage x Amperage). Permanent demage to sensor will occur.
2. Measuring standard target: ø15.5Xø8X5t (Anisotropy rubber magnet)
3. Sin wave / X , Y , Z 3 directions / 3 times each direction / 11 ms each time.
4. Double amplitude 1.5 mm / 10Hz~55Hz~10Hz (Sweep 1 min) / X , Y , Z 3 directions / 1 hour each time.
5. 1=None / 2=Short-circuit / 3=Power Source Reverse polarity / 4=Surge Suppression

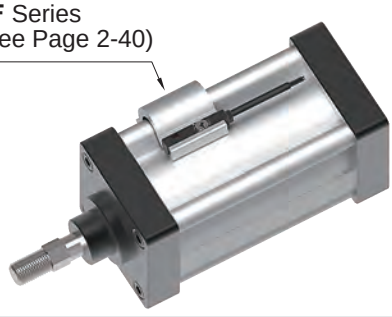
GROOVE DIMENSIONS



MEMO HOLDER AVAILABLE

BRACKET

PF Series
(See Page 2-40)



Unit:mm