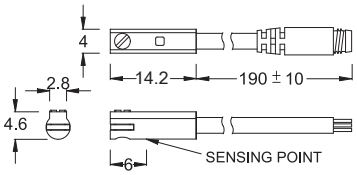
CS-36 SERIES

RoHS

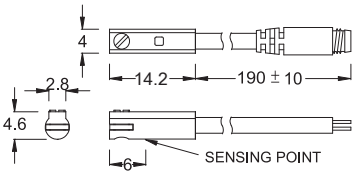
Magnetic Sensor

DIMENSION

CS-36N, CS-36P / CS-36N-QD, CS-36P-QD



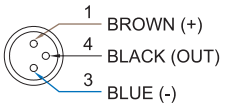
CS-36D / CS-36D-EQD



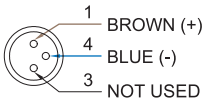
Unit:mm

QD PINOUT

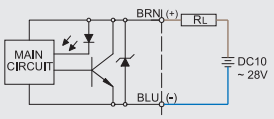
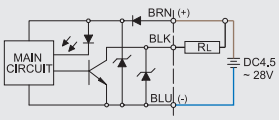
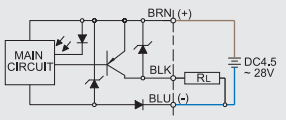
***3 wire QD wiring**



***2 wire EQD wiring**

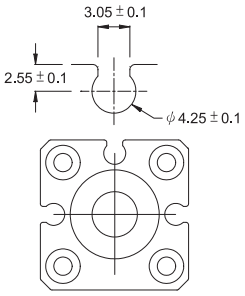


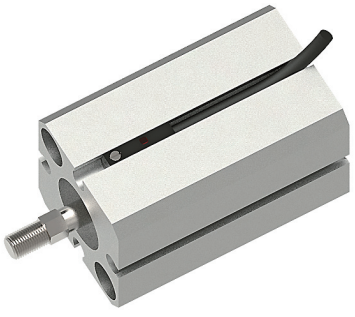
SPECIFICATION

TYPE	CS-36D	CS-36N	CS-36P
CONNECT DIAGRAM			
CHARACTERISTICS			
WIRING METHOD	2-Wire Type	3-Wire Type	
SWITCHING LOGIC	Solid State Output, Normally Open		
SENSOR TYPE	--	NPN Current Sinking	PNP Current Sourcing
OPERATING VOLTAGE	10~28V DC	4.5~28V DC	
SWITCHING CURRENT	4~20 mA max.	50 mA max.	
CONTACT RATING (NOTE 1)	0.6 W max.	1.5 W max.	
CURRENT CONSUMPTION	--	10 mA @ 24V DC max.	
VOLTAGE DROP	3.5 V max.	0.5V @ 50mA max.	
LEAKAGE CURRENT	0.8 mA max.	0.01 mA max.	
INDICATOR	Red LED		
CABLE	ø2.8, 2C, PUR	ø2.8, 3C, PUR	
OPERATING FREQUENCY	1000 Hz		
MAGNET REQUIREMENT (NOTE 2)	40 Gauss Parallel		
TEMPERATURE RANGE	-10~70˚C (+14~158˚F)		
SHOCK (NOTE 3)	50 G		
VIBRATION (NOTE 4)	9 G		
ENCLOSURE CLASSIFICATION	IEC 60529 IP67 (NEMA 6)		
PROTECTION CIRCUIT (NOTE 5)	4	3, 4	

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 DIMENSION





Unit:mm