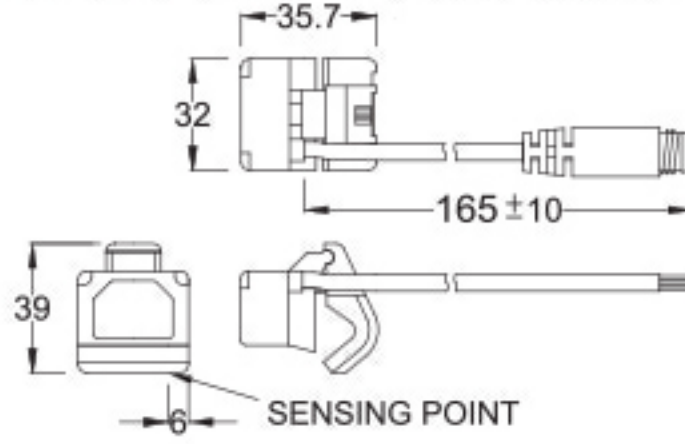


# KT-09 SERIES

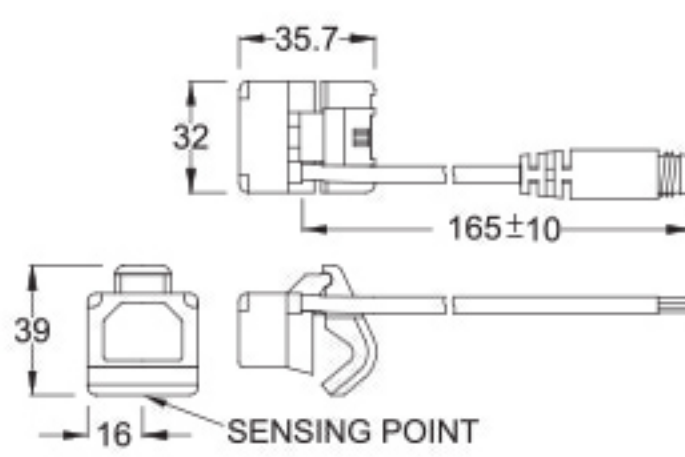


## DIMENSIONS

KT-09N, KT-09P / KT-09N-QD, KT-09P-QD



KT-09R / KT-09R-QD



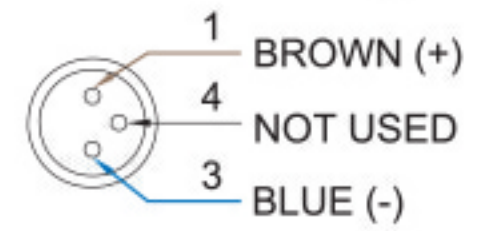
Unit:mm

## QD PINOUT

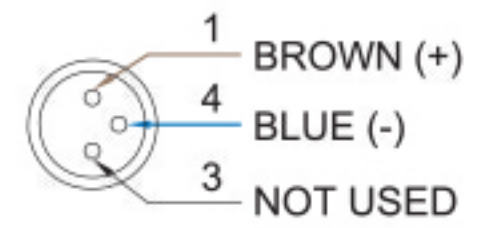
\*3 wire QD wiring



\*2 wire QD wiring



\*2 wire EQD wiring



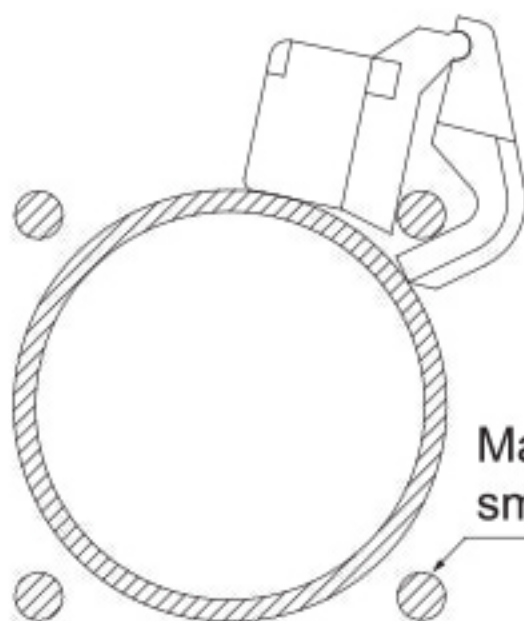
## SPECIFICATIONS

TYPE	KT-09R	KT-09N	KT-09P
<b>CONNECT DIAGRAM</b>			
<b>CHARACTERISTICS</b>			
Wiring Method	2-Wire Type	3-Wire Type	
Switching Logic	SPST, Normally Open	Solid State Output, Normally Open	
Sensor Type	Reed Switch	NPN Current Sinking	PNP Current Sourcing
Operating Voltage	5~240V DC/AC	5~30V DC	
Switching Current	1Amp. max.		
Contact Rating (*1)	30W max.		
Current Consumption	-	42mA @ 24V DC max.	30mA @ 24V DC max.
Voltage Drop	3.5V max.	1.5V @ 0.5A max.	
Leakage Current	-	0.01mA max.	
Indicator	Red LED	Power : Green LED , Output : Red LED	
Cable	ø4.5, 2C, PVC	ø4.5, 3C, PVC	
Operating Frequency	200Hz	1000Hz	
Magnet Requirement (*2)	80Gauss	40Gauss	
Temperature Range	-10~70°C		
Shock (*3)	30G	50G	
Vibration (*4)	9G		
Enclosure Classification	IEC 60529 IP67		
Protection Circuit (*5)	4	3,4	

**NOTE:**

1. WARNING: Never exceed rating (Watt=Voltage x Amperage). Permanent damage 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

## SELF MOUNTING CLAMPS



Max. tie-rod diameter ø 17.5  
small tie-rod diameter ø 6



Unit:mm