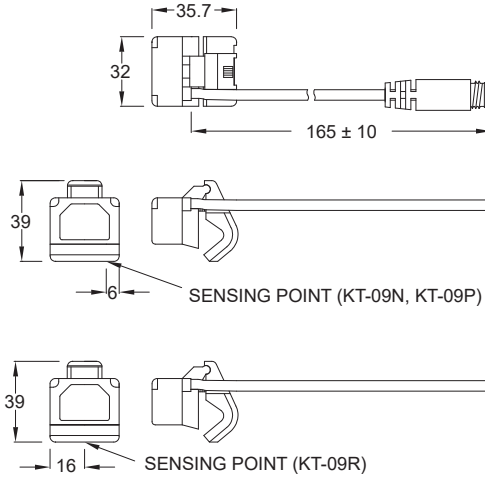


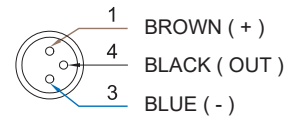
Dimensions

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

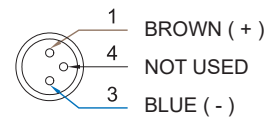


QD Pinout

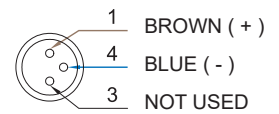
3 wire QD wiring



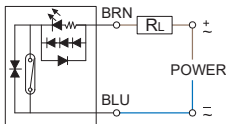
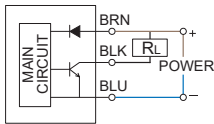
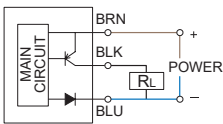
2 wire QD wiring



2 wire EQD wiring



Specifications

MODEL	KT-09R	KT-09N	KT-09P
Connect Diagram			
	Characteristics		
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 ~ 240 V DC / AC	5 ~ 30 V DC	
Switching Current	1 Amp. max.		
Contact Rating *1	30 W max.		
Current Consumption	-	42 mA @ 24 V DC max.	30 mA @ 24 V DC max.
Voltage Drop	3.5 V max.	1.5 V @ 0.5 A max.	
Leakage Current	-	0.01 mA max.	
Indicator	Red LED	Power : Green LED , Output : Red LED	
Cable	ø4.5, 2C, PVC	ø4.5, 3C, PVC	
Operating Frequency	200 Hz	1000 Hz	
Magnet Requirement *2	80 Gauss	40 Gauss	
Temperature Range	-10 ~ 70 °C		
Shock *3	30 G	50G	
Vibration *4	9 G		
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.

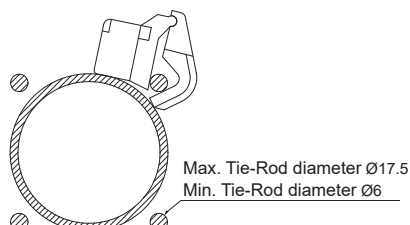
*2 : Measuring standard target : ø15.5 × ø8 × 5t (Anisotropy rubber magnet)

*3 : Sin wave / X , Y , Z 3 directions / 3 times each direction / 11 ms each time.

*4 : Double amplitude 1.5 mm / 10 Hz ~ 55 Hz ~ 10 Hz (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

Clamps



Unit : mm