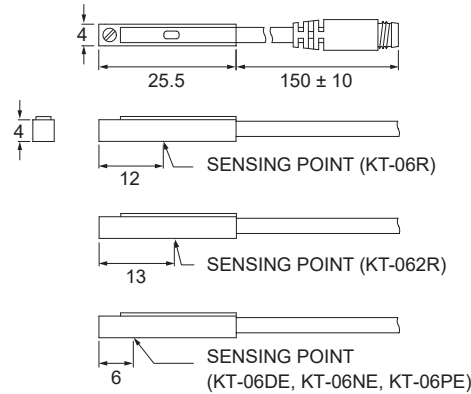


Dimensions

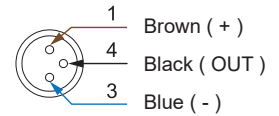
KT-06R, KT-062R, KT-06DE, KT-06NE, KT-06PE /
KT-06R-QD, KT-062R-QD, KT-06DE-QD, KT-06NE-QD,
KT-06PE-QD



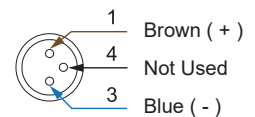
Unit : mm

M8 QD Pinout

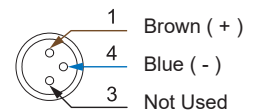
3 wire QD wiring



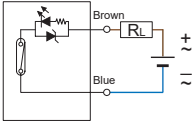
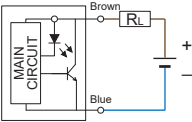
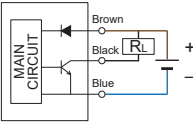
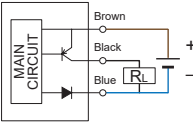
2 wire QD wiring



2 wire EQD wiring



Specifications

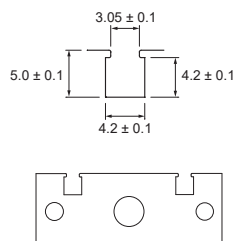
MODEL	KT-06R	KT-062R	KT-06DE	KT-06NE	KT-06PE
Connect Diagram					
Characteristics					
Wiring Method	2-Wire Type			3-Wire Type	
Switching Logic	SPST, Normally Open		Solid State Output, Normally Open		
Sensor Type	Reed Switch		-	NPN Current Sinking	PNP Current Sourcing
Operating Voltage	5 ~ 120 V DC / AC	5 ~ 240 V DC / AC	5 ~ 30 V DC		
Switching Current	100 mA max.		50 mA max.	200 mA max.	
Contact Rating ※1	10 W max.		1.5 W max.	6 W max.	
Current Consumption ※2	-		6 mA @ 24 V DC max.		
Voltage Drop ※2	3.5 V max.		3.7 V max.	0.5 V @ 200 mA max.	
Leakage Current ※2	-		0.1 mA (40 uA) max.	0.01 mA max.	
Indicator	Red LED	Green LED	Red LED		Green LED
Lead Wire	Ø2.8 PUR - 26 AWG (0.15 mm ²) - 2 cores			Ø2.8 PUR - 26 AWG (0.15 mm ²) - 3 cores	
Operating Frequency	200 Hz		1000 Hz max.		
Magnet Requirement ※2, 3	70 Gauss		40 ~ 1000 Gauss		
Temperature Range	-10 ~ 70 °C				
Shock ※4	30 G		50 G		
Vibration ※5	9 G				
Enclosure	IEC 60529 IP67				
Protection Circuit ※6	1		3, 4		

NOTE

- ※1 : WARNING : Never exceed rating (Watt = Voltage × Amperage).
Permanent damage to sensor will occur.
※2 : It bases on conditions of voltage 24 V DC, ambient temp. 25 °C and 2 meters cable
of sensor. Voltage drop increases in pace with cable length.
※3 : Measuring standard target : Ø15.5 × Ø8 × 5t (Anisotropy rubber magnet)

- ※4 : Sin wave / X, Y, Z 3 directions / 3 times each direction / 11 ms each time.
※5 : Double amplitude 1.5 mm / 10 Hz ~ 55 Hz ~ 10 Hz (Sweep 1 min) / X, Y, Z 3 directions
/ 1 hour each time.
※6 : 1 = None / 2 = Short-circuit / 3 = Power Source Reverse polarity / 4 = Surge Suppression

Groove Dimensions



Unit : mm