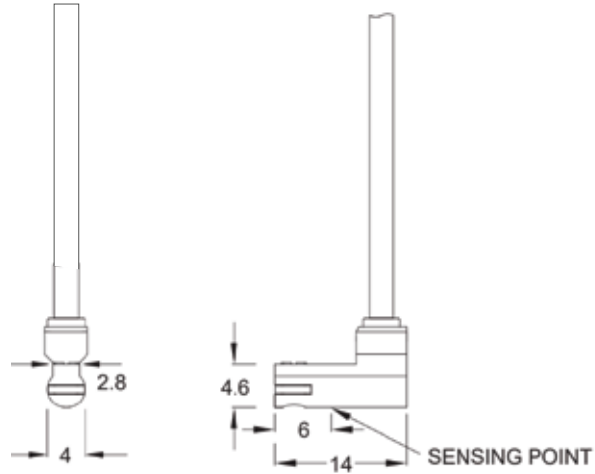


■ **Dimensions**

KT-37DE, KT-37NE, KT-37PE



■ **Specifications**

MODEL	KT-37DE	KT-37NE	KT-37PE
Connect Diagram			
Characteristics			
Wiring Method	2-Wire Type	3-Wire Type	
Switching Logic	Solid State Output, Normally Open	Solid State Output, Normally Open	
Sensor Type	--	NPN Current Sinking	PNP Current Sourcing
Operating Voltage	5 ~ 30 V DC	5 ~ 30 V DC	
Switching Current	50 mA max.	50 mA max.	
Contact Rating *1	1.5 W max.	1.5 W max.	
Current Consumption	-	10 mA @ 24 V DC max.	9 mA @ 24 V DC max.
Voltage Drop	3.5 V max.	0.5 V @ 50 mA max.	
Leakage Current	0.1 ma (40 uA) max.	0.01 mA max.	
Indicator	Red LED		
Cable	ø2.6, 2C, PVC	ø2.6, 3C, PVC	
Operating Frequency	1000 Hz	1000 Hz	
Magnet Requirement *2	40~1000 Gauss	40~1000 Gauss	
Temperature Range	-10 ~ 70 °C		
Shock *3	50G		
Vibration *4	9 G		
Enclosure Classification	IEC 60529 IP67		
Protection Circuit *5	3, 4		

NOTE:

*1 : WARNING : Never exceed rating (Watt = Voltage x Ampere).
Permanent damage to sensor will occur.

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

*3 : Sine 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**

