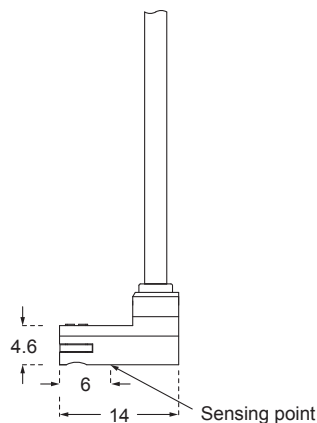
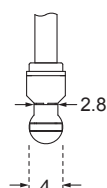


■ Dimensions

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	
Sensor type	-	NPN Current Sinking	PNP Current Sourcing
Operating voltage	5 ~ 30 V DC	4.5 ~ 28 V DC	
Switching current	50 mA max.		
Contact rating *1	0.6 W max.	1.5 W max.	
Current consumption	-	10 mA @ 24 V DC max.	
Voltage drop	3.5 V max.	0.5 V @ 50 mA max.	
Leakage current	0.1 mA max.	0.01 mA max.	
Indicator	Red LED		
Cable	ø2.6, 2C, PVC	ø2.6, 3C, PVC	
Operating frequency	1000 Hz		
Magnet requirement *2	40 ~100 Gauss		
Temperature range	-10 ~ 70 °C		
Shock *3	50 G		
Vibration *4	9 G		
Enclosure classification	IEC 60529 IP67		
Protection circuit *5	4	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

■ Groove Dimensions

