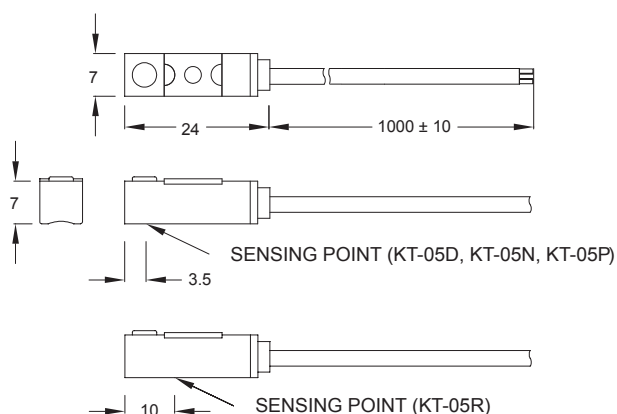


■ Dimensions

KT-05R, KT-05D, KT-05N, KT-05P



■ Specifications

MODEL	KT-05R	KT-05D	KT-05N	KT-05P
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	10 ~ 28 V DC	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	-		8 mA @ 24 V DC max.	
Voltage Drop	3.5 V max.		1 V @ 200 mA max.	
Leakage Current	-	0.8 mA max.	0.01mA max.	
Indicator	Red LED			Green LED
Cable	Ø2.8, 2C, PVC		Ø2.8, 3C, PVC	
Operating Frequency	200 Hz	1000 Hz max.		
Magnet Requirement *2	55 Gauss	80 Gauss		
Temperature Range	-10 ~ 70 °C			
Shock *3	30 G	50 G		
Vibration *4	9 G			
Enclosure Classification	IEC 60529 IP67			
Protection Circuit *5	1	2, 4	2, 3, 4	

NOTE:

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

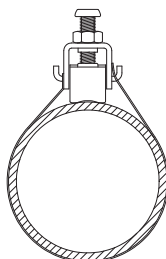
*2 : Measuring standard target : Ø15.5 × Ø8 × 5t (Anisotropy rubber magnet)

*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



BK Series

