

KT-65 SERIES

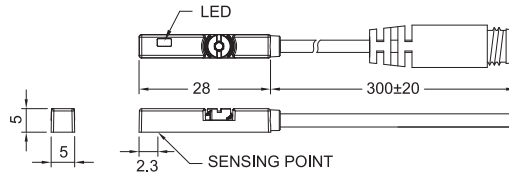


PATENTED

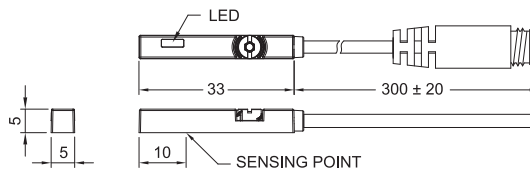


■ DIMENSIONS

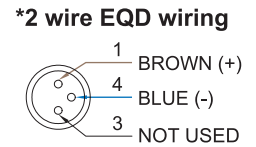
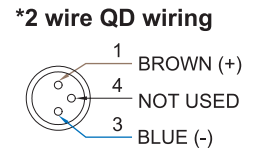
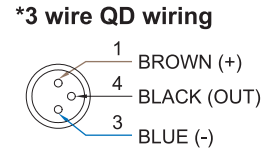
KT-65D, KT-65DE, KT-65N, KT-65NE, KT-65P, KT-65PE / KT-65D-QD, KT-65DE-QD, KT-65N-QD, KT-65NE-QD, KT-65P-QD, KT-65PE-QD



KT-65R, KT-65RP / KT-65R-QD, KT-65RP-QD



■ QD PINOUT



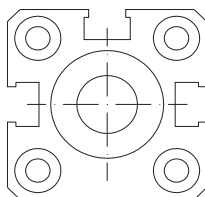
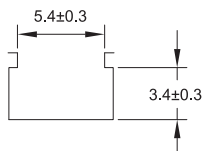
Unit:mm

■ SPECIFICATIONS

TYPE	KT-65R	KT-65D	KT-65DE	KT-65N	KT-65NE	KT-65P	KT-65PE	KT-65RP	
CONNECT DIAGRAM									
CHARACTERISTICS									
Wiring Method	2-Wire Type			3-Wire Type					
Switching Logic	SPST, Normally Open	-			Solid State Output, Normally Open			SPST, Normally Open	
Sensor Type	Reed Switch	-			NPN Current Sinking		PNP Current Sourcing		
Operating Voltage	5~240V DC/AC	10~28V DC	5~30V DC	10~28V DC	5~30V DC	10~28V DC	5~30V DC	10~30V DC/AC	
Switching Current	100mA max.	50mA max.			200mA max.			500mA max.	
Contact Rating (*1)	10W max.	1.5W max.			5.5W max.	6W max.	5.5W max.	6W max.	10W max.
Current Consumption	-			10mA @ 24V DC max.	6mA @ 24V DC max.	10mA @ 24V DC max.	6mA @ 24V DC max.	10mA @ 24V DC max.	
Voltage Drop	3.0V max.	3.5V max.	3.7V max.	1.5V max.	0.5V @ 200mA max.	1.5V max.	0.5V @ 200mA max.	0.1V @ 100mA max.	
Leakage Current	-	0.8mA max.	0.1mA(40uA) max.	0.05mA max.	0.01mA max.	0.05mA max.	0.01mA max.	-	
Indicator	Red LED					Yellow LED			
Cable	ø2.8, 2C, PUR				ø2.8, 3C, PUR				
Operating Frequency	200Hz	-			1000Hz max.			200Hz	
Magnet Requirement (*2)	75Gauss	50Gauss	40~1000Gauss	50Gauss	40~1000Gauss	50Gauss	40~1000Gauss	65Gauss	
Temperature Range	-10~70 °C								
Shock (*3)	30G	-			50G			30G	
Vibration (*4)	9G								
Enclosure Classification	IEC 60529 IP67								
Protection Circuit (*5)	1	2	3,4	2,3,4	3,4	2,3,4	3,4	1	

- NOTE:
1. WARNING: Never exceed rating (Watt=Voltage x Amperage). Permanent damage to sensor will occur.
 2. Measuring standard target: ø15.5Xø8X5t (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 / 10Hz~55Hz~10Hz (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



Unit:mm