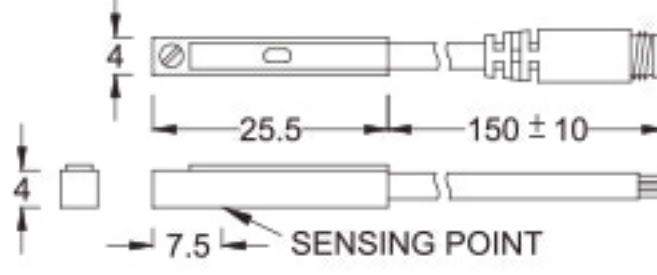


KT-06 SERIES

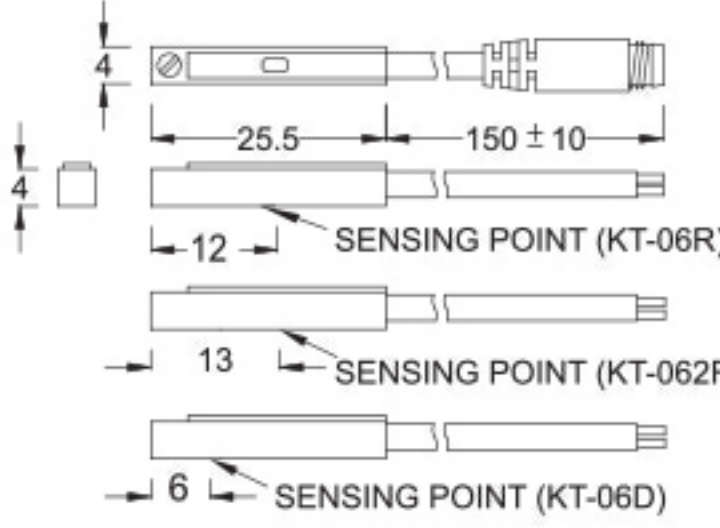


■ DIMENSIONS

KT-06N, KT-06P / KT-06N-QD, KT-06P-QD



KT-06R, KT-062R, KT-06D /
KT-06R-QD, KT-062R-QD, KT-06D-QD



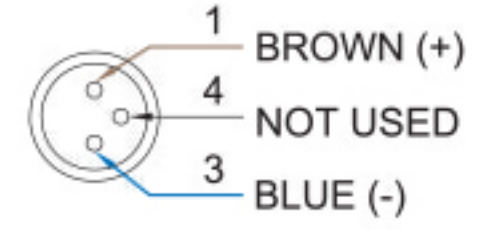
Unit:mm

■ QD PINOUT

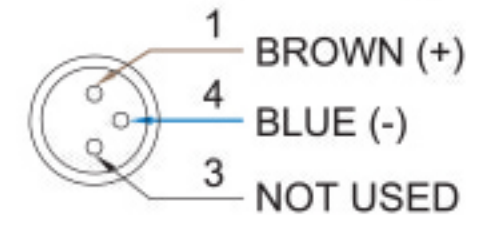
*3 wire QD wiring



*2 wire QD wiring



*2 wire EQD wiring



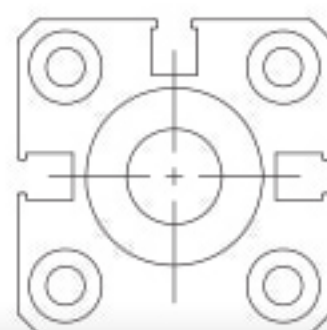
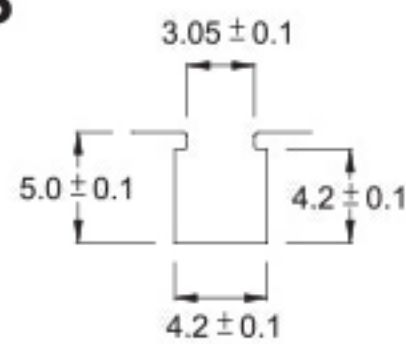
■ SPECIFICATIONS

TYPE	KT-06R	KT-062R	KT-06D	KT-06N	KT-06P
CONNECT DIAGRAM					
CHARACTERISTICS	2-Wire Type			3-Wire Type	
Wiring Method	SPST, Normally Open			Solid State Output, Normally Open	
Switching Logic	Reed Switch			-	
Sensor Type	-			NPN Current Sinking	PNP Current Sourcing
Operating Voltage	5~120V DC/AC	5~240V DC/AC	10~28V DC	5~30V DC	
Switching Current	100mA max.			200mA max.	
Contact Rating (*1)	10W max.			6W max.	
Current Consumption	-			8mA @ 24V DC max.	
Voltage Drop	3.0V max.	3.5V max.		1V @ 200mA max.	
Leakage Current	-			0.01mA max.	
Indicator	Red LED	Green LED	Red LED		Green LED
Cable	ø2.8, 2C, PUR			ø2.8, 3C, PUR	
Operating Frequency	200Hz			1000Hz	
Magnet Requirement (*2)	70Gauss			40Gauss	
Temperature Range	-10~70°C				
Shock (*3)	30G			50G	
Vibration (*4)	9G				
Enclosure Classification	IEC 60529 IP67				
Protection Circuit (*5)	1			2,3,4	

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