

G-05

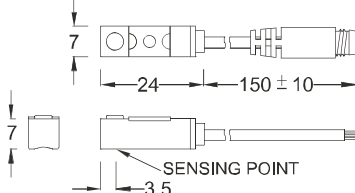
RoHS
CE
SERIES

Magnetic switch

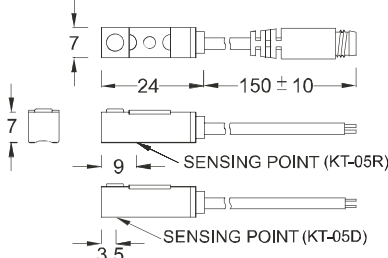


DIMENSION

G-05N, G-05P / G-05N-QD, G-05P-QD



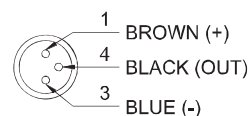
G-05R, G-05D / G-05R-QD, G-05D-QD



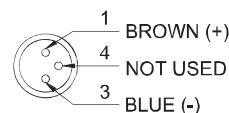
Unit:mm

QD PINOUT

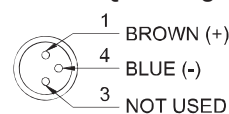
*3 wire QD wiring



*2 wire QD wiring



*2 wire EQD wiring



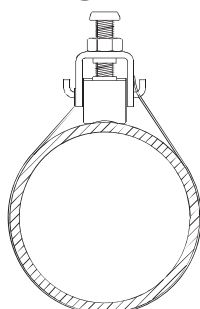
SPECIFICATION

TYPE	G -05R	G -05D	G -05N	G -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	5~240V DC/AC	10~28V DC	5~30V DC	
SWITCHING CURRENT	100 mA max.	50 mA max.	200 mA. max.	
CONTACT RATING	10 W max.	1.5 W max.	6W max.	
CURRENT CONSUMPTION	--		8 mA @ 24V DC max.	
VOLTAGE DROP	3.0 V max.	3.5 V max.	1 V @200mA max.	
LEAKAGE CURRENT	--	0.8 mA max.	0.01 mA max.	
INDICATOR	Red LED			Green LED
CABLE	ø2.8, 2C, PVC		ø2.8, 3C, PVC	
OPERATING FREQUENCY	200 Hz	1000 Hz		
MAGNET REQUIREMENT (NOTE 1)	50 Gauss	40 Gauss		
TEMPERATURE RANGE	-10~70°C			
SHOCK (NOTE 2)	30 G	50 G		
VIBRATION (NOTE 3)	9 G			
ENCLOSURE CLASSIFICATION	IEC 529 IP 67			
PROTECTION CIRCUIT (NOTE 4)	1	2,4	2,3,4	

NOTE:

1. Measuring standard target: ø15.5Xø8X5t (Anisotropy rubber magnet)
2. Sin wave / X, Y, Z 3 directions / 3 times each direction / 11 ms each time.
3. Double amplitude 1.5 mm / 10Hz~55Hz~10Hz (Sweep 1 min) / X, Y, Z 3 directions / 1 hour each time.
4. 1=None / 2=Short-circuit / 3=Power Source Reverse polarity / 4=Surge Suppression

MOUNTING CLAMPS



BK Series



GENTLE AUTOMATIC SOLUTION SDN BHD

No.36, Jalan Industri USJ 1/13, Taman Perindustrian USJ 1, 47600 Subang Jaya, Selangor.

TEL: 603-8023 7743 / 8743 FAX: 603-8023 9743 email:sales@gentle.com.my / gpauto@tm.net.my