

G-16 SERIES

DIMENSION

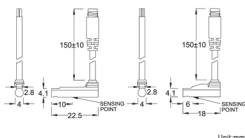
QD PINOUT



GENTLE

G-16R, G-16R-QD

G-16N, G-16P
G-16N-QD, G-16P-QD



Unit:mm

*3 wire QD wiring



*2 wire QD wiring



*2 wire EQD wiring



SPECIFICATION

TYPE	G-16R	G-16N	G-16P
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	5-120V DC/AC	5-30V DC	
SWITCHING CURRENT	50 mA max.	50 mA max.	
CONTACT RATING	6 W max.	1.5 W max.	
CURRENT CONSUMPTION	—	7 mA @ 24V max.	9 mA @ 24V max.
VOLTAGE DROP	2.5 V max.	1.5 V @ 50mA max. (Switch Active)	
LEAKAGE CURRENT	—	0.01 mA max.	
INDICATOR	Red LED	Red LED	Green LED
CABLE	φ 2.8, 2C, PU	φ 2.8, 3C, PU	
OPERATING FREQUENCY	200 Hz	1000 Hz	
MAGNET REQUIREMENT (NOTE 1.)	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	None	Power Source Reverse Polarity, Surge Suppression	

NOTE : 1.Measuring standard target : φ15.5×φ8×5t (Anisotropy Rubber Magnet)

2.Sin Wave / X - Y - Z 3 Directions / 3 Times Each Direction / 11ms Each Time.

3.Double Amplitude 1.5mm / 10Hz-55Hz-10Hz (Sweep 1min) / X - Y - Z 3 Directions / 1 Hour Each Time.

GROOVE DIMENSION



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