

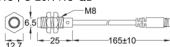
G-28 SERIES

GENTLE



DIMENSION

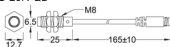
G-28N, G-28P / G-28N-QD, G-28P-QD
G-28N-NC, G-28N-NC-QD



MAG-1



G-28R, G-28R-QD



MAG-1



QD PINOUT

*3 wire QD wiring



*2 wire QD wiring



*2 wire EQD wiring



SPECIFICATION

TYPE	G-28R	G-28N	G-28P	G-28N-NC
CONNECT DIAGRAM				
CHARACTERISTICS				
WIRING METHOD	2-Wire Type	3-Wire Type		
SWITCHING LOGIC	SPST, Normally Open	Solid State Output, Normally Open		Normally Close
SENSOR TYPE	Reed Switch	NPN Current Sinking	PNP Current Sourcing	NPN Current Sinking
OPERATING VOLTAGE	5~120 V DC/AC	5~30V DC		
SWITCHING CURRENT	40mA, max.	100mA, max.		
CONTACT RATING	5W max.	6W max.		
CURRENT CONSUMPTION	—	18mA @ 24V max. (Switch Active)		
VOLTAGE DROP	2.5 V max.	0.5 V max.		
LEAKAGE CURRENT	—	0.01 mA max.		
INDICATOR	Red LED	Red LED	Green LED	Red LED
CABLE	φ 3.3, 2C, PVC	φ 3.3, 3C, PVC		
OPERATING FREQUENCY	200 Hz	1000 Hz		
SENSING DISTANCE (NOTE 1.)	9mm max.	12mm max.		
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 : MAG-1(NdFeB 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.

NdFeB MAGNET

MAG-1



Unit:mm

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