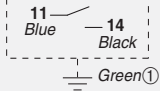
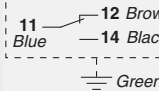
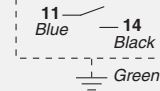



- Proximity sensor actuated by permanent magnet
- Encapsulated contact in hermetically sealed enclosure
- Degree of Protection IP67 (IEC 60529)
- Magnetically powered, no mechanical wear
- Long mechanical life up to 1 billion of cycles
- Available in several formats and materials





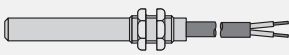


Specifications





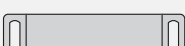
Sensor	GL1RA GL4RA GL9RA	GL1RC GL4RC GL9RC	GL1RJ GL4RJ GL9RJ	GL3RK GL8RK
Circuitry				
Max. Contact Rating [VA]	80	60	80	60
Max. Switching Current [A]	1.3	1	2.5	3
Max. Service Voltage [V~]	250	230	250	230
Contact Resistance (maximum initial) [mΩ]	80	100	80	80
Max. Operating Frequency [Hz]	100	100	200	200
Electrical Life (with maximum power)	10 ⁵ cycles			
Ambient Temperature	+80°C maximum			
Cable	Length: 1m (standard - others lengths available)			
	Material: PVC			
Material - Housing	GL1: zamak	GL3 & GL4: latão	GL8 & GL9: termoplástico	

① Circuit with ground only for GL1... models

Subject to change without prior notice

Ordering Information

SENSOR		
Enclosure Type	Contact	Code
	1.0A	GL1RC
	1.3A	GL1RA
	2.5A	GL1RJ
	3.0A	GL3RK
	1.0A	GL4RC
	1.3A	GL4RA
	2.5A	GL4RJ
	3.0A	GL8RK
	1.0A	GL9RC
	1.3A	GL9RA
	2.5A	GL9RJ

MAGNET	
Type	Code
	MG51
	MG53
	MG60
	MG81
	MG91 / MG92

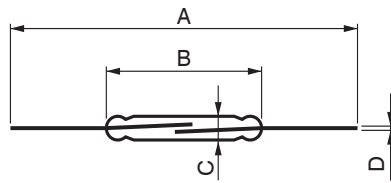
Reed Switches

- Reed Switch actuated by permanent magnet
- Encapsulated contact in hermetically sealed enclosure
- Degree of Protection IP67 (IEC 60529)
- Magnetically powered, no mechanical wear
- Long mechanical life up to 1 billion of cycles
- Available in several formats









Models

- GRA Standard size; NO contact
- GRC Standard size; change over contact
- GRD Miniature size; NO contact
- GRE Subminiature size; NO contact
- GRJ Standard size; NO contact; high power
- GRK Compact size; NO contact; high power



Specifications

Ordering Code	GRA	GRC	GRD	GRE	GRJ	GRK
Dimensions: A = Total length	80	80	54	54	80	55
[mm] B = Glass length	50	50	18	13.5	50	23
D = Glass diameter	5	5	2.5	2	5	3.5
S = Wire diameter	0.5x2.5	0.5x2.5	ø0.5	ø0.5	0.5x2.5	ø0.8
Circuitry	 1NO	 1NO+1NC	 1NO	 1NO	 1NO	 1NO
Max. Contact Rating [VA]	80	60	10	10	80	60
Max. Switching Current [A]	1.3	1	1	0.5	2.5	3
Max. Service Voltage [V~]	250	230	230	150	250	230
Contact Resistance (max. initial) [mΩ]	80	100	100	150	80	80
Max. Operating Frequency [Hz]	100	100	200	200	200	200
Pull-in Sensitivity [AT]	75...130	80...120	20...50	10...35	75...95	30...70
Drop-out Sensitivity [AT]	25	20	5	5	35	15
Electrical Life (with max. power)	10 ⁵ cycles					
Ambient Temperature	-40°C...+125°C					

Subject to change without prior notice