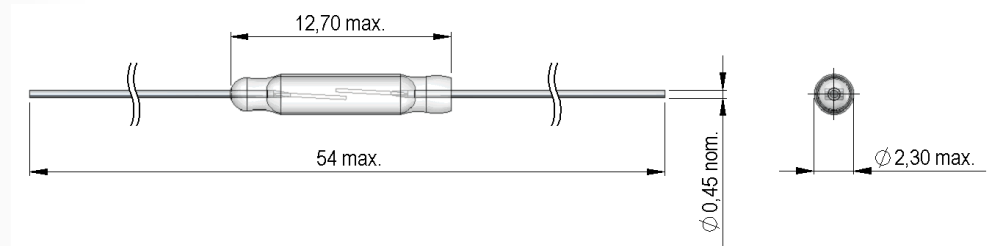


GP [or] GR 501 Reed Switches



- Features: Miniature, High Stability (GP)
- Applications: Position Detector, Level Sensor, Tampering Switch & Others
- Markets: Industrial, White Goods, Security & Others

Part Description: **SW [or] K S K - GP [or] GR 5 0 1 - X X X X**

Contact QTY	Contact Form	Switch Model	Pull-In Excitation (AT-Range)
1	A (SPST-NO)	GP/GR 501	10 - 35

Contact Data	Unit	
Rated Power (max.) Any DC combination of V&A not to exceed their individual max.'s	10	W
Switching Voltage (max.) DC or peak AC	200	V
Switching Current (max.) DC or peak AC	0.5	A
Carry Current (max.) DC or peak AC	1.0	A
Contact Resistance (max.) @ 0.5V & 10mA	100	mOhm
Breakdown Voltage (min.) DC or peak AC	250	V
Operating Time (max.) Incl. Bounce; Measured with 40% Overdrive	0.5	ms
Release Time (max.) Measured with no Coil Excitation	0.1	ms
Test Coil	KMS-01	
Insulation Resistance (min.) RH < 45%, 100 V Test Voltage	10 ¹⁰	Ohm
Capacitance (typ.) @ 10kHz across open Switch	0.3	pF

Series Datasheet – GP/GR 501 Reed Switches

www.standexmeder.com

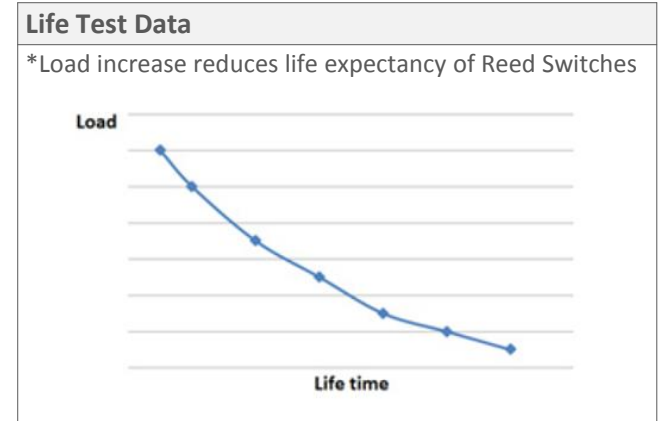
Dimensions (mm)	
Overall Length (max.)	54.0
Glass Length (max.)	12.7
Glass Dia (max.)	2.3
Lead Dia. (max.)	0.45

Environmental Data		Unit
Shock Resistance (max.) 1/2 sine wave duration 11ms	100	g
Vibration Resistance (max.)	50	g
Operating Temperature	-40 to 125	°C
Storage Temperature	-50 to 155	°C
Soldering Temperature (max.) 5 sec. max.	260	°C

GP/GR 501



Handling & Assembly Instructions	
➤	Fixing of the leads before modification (bending, cutting, soldering) recommended to prevent tensions on the glass body
➤	Mechanical shock impacts (drop down) may change the sensitivity or destroy the Switch
➤	Sensitivity changes due to modification
➤	Mechanical stress needs to get prevented
➤	Series resistor recommended for >5m cable length



Glossary Contact Form		
Form A	NO = Normally Open Contacts SPST = Single Pole Single Throw	
Form B	NC = Normally Closed Contacts SPST = Single Pole Single Throw	
Form C	Changeover SPDT = Single Pole Double Throw	

