

Product Solutions

GP400 Series (10mm) Miniature Reed Switch

**Contact Information:**

Standex-Meder Electronics
World Headquarters
4538 Camberwell Road
Cincinnati, OH 45209 USA

Standex Americas (OH)
+1.866.STANDEX
(+1.866.782.6339)
info@standexelectronics.com

Meder Americas (MA)
+1.800.870.5385
salesusa@standexmeder.com

Standex-Meder Asia (Shanghai)
+86.21.37820625
salesasia@standexmeder.com

Standex-Meder Europe (Germany)
+49.7731.8399.0
info@standexmeder.com

GP400 Miniature Reed Switch

The all new GP400 ultra miniature reed switch series is available in a contact form 1A (SPST) (normally open contact), center gap and comes in an operating sensitivity range of 7-30 Ampere-turns (AT). This miniature GP400 model has a maximum glass length of 10 mm, glass diameter of 1.9mm and an overall lead length of 54mm.

This GP400 offers excellent electrical characteristics with zero to 10 VA of rated power, switching voltage of zero to 180 volts of direct or alternating current (VDC/VAC) and switching current max of 0.5 amps (A) or carry current max of 0.8 amps (A). Furthermore, it has contact capacitance of less than 0.3pf, minimum insulation resistance of 10^{12} ohms (Ω) and breakdown voltage of 230 VDC (@20AT) across the contacts as well as a 125 milliohms (m Ω) contact resistance.

Typical operating and release times are 0.5 milliseconds and 0.1 milliseconds (ms) respectively. Its operating temperature ranges from -40°C to 125°C and can be stored a temperature range of -50°C to 155°C.

Features

- Dynamically tested contacts
- Hermetically sealed
- Long life
- Millions of reliable operations
- Miniature size
- No power consumption
- Zero emissions
- REACH, RoHS,

Applications

- Counting
- End limit detection
- Low power devices
- Movement detection
- Position detection
- Presence sensing
- Proximity sensing
- Rotation sensing
- Speed sensing

Markets

Including but not limited to: White Goods, Consumer, HVAC&R, Industrial, Household, Telecommunications, Security, Fluid Flow, Food Service