

G200 EHG Wireless Panel Switch



Details

- ▶ The most powerful EHG in the WePower lineup with energy outputs exceeding 5 millijoules
- ▶ Plunger Activation designed for mechanical striker applications
- ▶ Ideal for environments with high energy demands like industrial IoT and automotive
- ▶ Life-tested to over 100,000 activations (with 1 million+ achievable)
- ▶ Easily adapted in design to fit requirements for form factor, energy demand, and weather rating

Features

- ▶ gemns™ EHG's model G200 is bi-directional signaling device based on electromagnetic induction
- ▶ Permanent magnet and induction coil uses kinetic energy from permanent magnet rotor to generate electrical energy
- ▶ Plunger Activation – Designed for industrial applications (limit/safety switches) with mechanical striker application
- ▶ Bidirectional operation with actuate/release direction detection
- ▶ High Output – Output in mJ range – Exceeds competing commercial technology offering only 120uJ
- ▶ Development Status – Generator passed 100K lifecycle test (ongoing)
- ▶ Ready for custom OEM package design/integration

Dimensions

