



Meggitt Sensing Systems

Introducing the GSI 127

Meggitt is committed to maintaining superior quality and reliability through continual product development. Our new GSI 127 builds on 30 years of product improvements to deliver more than galvanic isolation for accelerometers, dynamic pressure sensors, proximity probes and velocity sensors.

Highlights

- All-in-one: galvanic separator, power supply, current-to-voltage converter and safety barrier
- Putting signal quality first: current modulation enables interference-free, two-wire transmission over long distances, up to 1000 m
- No price increase over the GSI 124



Improvements and benefits

Specification	Improvement
Safety	Meets the requirements of Safety Integrity Level 2.
Environment	Can be installed in Ex zone 2 (nA) or Division 2 when powering measurement chains installed in Ex environments up to zone 0 ([ia]) or Division 1.
Frequency response	Flat across the entire measurement range and the extended bandwidth from DC to 30 kHz.
Mounting	Removable screw terminals allow easy replacement with no special tooling. Direct DIN-rail mounting with no special accessories.
Compatibility	Fully compatible with installed Meggitt sensors and systems. The floating output removes the need for the user to purchase an additional power supply to be compatible with measurement chains from other manufacturers.
Temperature	More stable output voltage over the operating temperature range.

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MEGGITT
smart engineering for
extreme environments