

0005-1475-010 GEA 60VDC IP67 Vibrating Fork Level Switch Datasheet



SKU: [962224349587](#)

Category: Process Sensors

Price: **\$3,214.29**

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Product Description

The GEA 0005-1475-010 is a vibrating fork level switch featuring an 18 to 60 VDC operating voltage, a G1 ISO outer thread connection, and a robust 1.4401 stainless steel construction. Operating via precise liquid limit detection, this unit functions within a wide thermal range of -40 to 150 °C and maintains an IP66 / IP67 ingress protection rating. The hardware integrates a piezoelectric drive mechanism that monitors resonant frequency shifts, drawing less than 500 mA of current while weighing exactly 0.730 kg. It is structurally designed for compatibility with W-SBBA controller platforms, ensuring seamless mechanical integration without the need for calibration.

0005-1475-010 Specifications

Model Number: 0005-1475-010

Brand: GEA Westfalia

Product Category: Vibrating Fork Level Switch

Operating Voltage: 18 to 60 VDC

Maximum Current: < 500 mA

Operating Temperature: -40 to 150 °C

Ambient Temperature: -40 to 80 °C

Ingress Protection: IP66 / IP67

Wetted Material: 1.4401 Stainless Steel

Process Connection: G1 ISO Outer Thread

Weight: 0.730 kg

Platform Compatibility: W-SBBA Controller Unit

Detection Principle: Piezoelectric Resonant Frequency Shift

0005-1475-010 Applications

Primary applications include integration into marine industrial machinery, specifically within GEA Westfalia mechanical separation systems and flat belt separators. Deployed within heavy-duty purification controller units and liquid storage tanks, this switch provides critical limit level detection for automated fluid management systems.

Supplemental Images

