

TECHNICAL DATA

Fluke 805ES



Key features

- Low-profile 90-degree sensor body allows the sensor to get into tight spots
- Rugged, coiled cable minimizes dangling, while stretching to more than 7ft when needed
- Powerful "U" shaped magnet mount creates a firm connection to flat, or curved measurement surfaces
- Rugged, sealed cable connector with strain relief tail reduces cable wear
- Removable sensor magnet to allow for direct attachment to a sensor mounting pad, or threaded hole on a piece of equipment
- Connects directly to 805 Vibration Meter SMB connector located in the heel of the meter

Product overview: Fluke 805ES

External Vibration Sensor for the 805 Vibration Meter

The Fluke 805ES is an external vibration sensor that is ideal in situations for which it is either difficult or impractical to use the onboard vibration sensor tip of the 805 Vibration Meter. The 805ES allows you to take measurements in crowded or hard-to-reach locations, behind machine guards or enclosures, or in out-of-reach places where it is difficult to apply sufficient manual pressure to the 805 Vibration Meter.

Specifications: Fluke 805ES

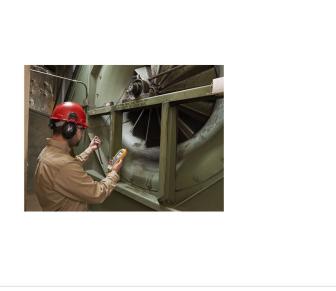
| Performance | |
|-------------------|-----------------------------|
| Measurement range | 7 g pk (68.7 m/s² pk) |
| Frequency range | 0 to 6000 cpm (0 to 100 Hz) |



| Relay | 3A Form C 480 VAC |
|-------------------------------|---|
| Relay (Contacts) (DPDT) | Normally open / closed |
| Environmental | |
| Temperature range (Operating) | -13 to 140°F (-25 to 60°C) |
| Enclosure rating | IP66 |
| Physical | |
| Size (Width x Height x Depth) | 4.35 x 3.30 x 4.35 in (110.5 x 83.8 x 110.5 mm) |
| Weight | 2.5 lb (1.134 kg) |
| Sensing element | Magnet |
| Housing material | Aluminum alloy |
| Electrical connector | Screw terminals |
| Screw terminal wire size | 24-14 AWG (0.2 - 2.5 mm²) |
| Cable input | 3/4-14 NPT |
| Mounting hole size | 0.25 in (6.4 mm) |
| Sensing geometry | Inertial element |



Ordering information



Fluke 805ES

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