

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/s <sup>2</sup> pk)
-------------------	-----------------------------------

Frequency range	0 to 6000 cpm (0 to 100 Hz)
Relay	3A Form C 480 VAC
Relay (Contacts) (DPDT)	Normally open / closed
<b>Environmental</b>	
Temperature range (Operating)	-13 to 140°F (-25 to 60°C)
Enclosure rating	IP66
<b>Physical</b>	
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 mm <sup>2</sup> )
Cable input	3/4-14 NPT
Mounting hole size	0.25 in (6.4 mm)
Sensing geometry	Inertial element

## Ordering information



### **FLUKE-805/ES**

External Vibration Sensor for 805 Vibration Meter

---



Fluke. *Keeping your world up and running.*®

**Fluke Corporation**  
PO Box 9090, Everett, WA 98206 U.S.A.

**For more information call:**  
In the U.S.A. (800) 443-5853  
In Canada (800) 36-FLUKE  
From other countries +1 (425) 446-5500  
[www.fluke.com](http://www.fluke.com)

©2024 Fluke Corporation.  
Specifications subject to change without notice.  
07/2024

**Modification of this document is not permitted  
without written permission from Fluke Corporation.**