

Phase Meter

586544 (8451-30)

FESTO

LabVolt Series

Datasheet



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General Description

The Phase Meter is fitted with a meter designed to indicate the phase angle (in degrees) between two ac voltages. Two LED indicators are built into the meter face: one is marked “lead” and the other is marked “lag.” By observing the state of the indicators, an unknown voltage can be compared to a known (reference) voltage and the meter will indicate how many degrees the unknown voltage is out of phase (lead or lag) with the reference voltage source. For this reason, this meter also functions as a synchroscope.

Specifications

Parameter	Value
Phase Meter	
Range	0-180° (leading)
Accuracy	2%
Type	Panel
Dimensions	115 mm (4.5 in)
Movement	d'Arsonval with electronic transducer
Inputs	
Voltage	25-400 V
Frequency	40-70 Hz
Low Power Input	24 V – 85 mA – 50/60 Hz
Physical Characteristics	
Dimensions (H x W x D)	154 x 287 x 440 mm (6.1 x 11.3 x 17.3 in)
Net Weight	3.7 kg (8.1 lb)

Reflecting the commitment of Festo Didactic to high quality standards in product, design, development, production, installation, and service, our manufacturing and distribution facility has received the ISO 9001 certification.

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