

Digital Tachometer 581427 (8920-40)

FESTO

LabVolt Series

Datasheet



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General Description

The Digital Tachometer indicates motor rotation speed either in a clockwise or counterclockwise direction. The measured speed is automatically indicated on a five-digit display and is updated every second to enable measurement of acceleration and deceleration.

Coupling to the shaft of a motor is accomplished through a rubber tip attached to the Digital Tachometer. The optical sensor can also be used with a reflective tape to read motor speed. Designed to fit comfortably in either the right or left hand, the tachometer is constructed to withstand years of rugged use.

Specifications

Parameter	Value
Direction of Rotation	CW and CCW
Speed Range	0.5-19 999 r/min (Contact Tacho) / 5-99999 r/min (Photo Tacho)
Accuracy	0.05% + 1 digit
Resolution (up to 999.9 r/min)	0.1 r/min
Resolution (1000 r/min and above)	1 r/min
Sampling Time	1 s (for speeds > 60 r/min)
Display	5 digits
Memory Hold Time	5 minutes after measurement
Power	Four 1.5 V AA cells
Accessories Included	Rubber contact tip, rubber contact ring, instruction manual, storage case, reflective tape, and batteries
Physical Characteristics	
Dimensions (H x W x D)	80 x 250 x 120 mm (3.1 x 9.8 x 4.7 in)
Net Weight	0.61 kg (1.34 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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