

Digital Tachometer 581427 (8920-40)

FESTO

LabVolt Series

Datasheet



* The product images shown in this document are for illustration purposes; actual products may vary. Please refer to the Specifications section of each product/item for all details. Festo Didactic reserves the right to change product images and specifications at any time without notice.

Festo Didactic
en
11/2024

Table of Contents

General Description	3
Specifications	3

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.

Festo Didactic reserves the right to make product improvements at any time and without notice and is not responsible for typographical errors. Festo Didactic recognizes all product names used herein as trademarks or registered trademarks of their respective holders. © Festo Didactic Inc. 2024. All rights reserved.

Festo Didactic SE

Rechbergstrasse 3
73770 Denkendorf
Germany

P. +49(0)711/3467-0
F. +49(0)711/347-54-88500

Festo Didactic Inc.

607 Industrial Way West
Eatontown, NJ 07724
United States

P. +1-732-938-2000
F. +1-732-774-8573

Festo Didactic Ltée/Ltd

675 rue du Carbone
Québec QC G2N 2K7
Canada

P. +1-418-849-1000
F. +1-418-849-1666

www.labvolt.com

www.festo-didactic.com