# Electromagnetic Flow Transmitter (Ethernet, Transmitter on the right) 588319 (46922-E0)



**LabVolt Series** 

Datasheet



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# **General Description**

The Electromagnetic Flow Transmitter is a flow measurement device relying on the conductive properties of liquids traveling across a magnetic field to measure the flow in a pipe. The operating principle of the flowmeter makes it insensitive to vibrations and causes almost no pressure loss. Temperature variations of the fluid are automatically compensated by the device for accurate flow rate measurement.

Due to the specific geometrical design of the apparatus, a different model (46922-1, -B, or -F) must be used if the Electromagnetic Flow Transmitter is to be installed on the second team side of the Process Workstation.

Available Electromagnetic Flow Transmitters:

- 46922-0 Electromagnetic Flow Transmitter (HART, Transmitter on the right)
- 46922-1 Electromagnetic Flow Transmitter (HART, Transmitter on the left)
- 46922-A Electromagnetic Flow Transmitter (Foundation Fieldbus, Transmitter on the right)
- 46922-B Electromagnetic Flow Transmitter (Foundation Fieldbus, Transmitter on the left)
- 46922-E Electromagnetic Flow Transmitter (Ethernet, Transmitter on the right)
- 46922-F Electromagnetic Flow Transmitter (Ethernet, Transmitter on the left)

# List of Manuals

Description	Manual number
Electromagnetic Flow Meters (Workbook)	585123 (85990-00)
Electromagnetic Flow Meters (Workbook (Instructor))	585126 (85990-10)

# Table of Contents of the Manual(s)

Electromagnetic Flow Meters (Workbook) (585123 (85990-00))

• 1 Fundamentals of the Electromagnetic Flowmeters

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#### **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

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