

Electromagnetic Flow Transmitter (HART, Transmitter on the right)

582413 (46922-00)

FESTO

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, -5, 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)
- 46922-4 Electromagnetic Flow Transmitter (WLAN, Heartbeat, HART, Transmitter on the right)
- 46922-5 Electromagnetic Flow Transmitter (WLAN, Heartbeat, HART, 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

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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