

# Capacitive Level Transmitter (HART)

## 588350 (46936-00)

**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  
04/2025

## Table of Contents

<b>General Description</b>	<b>3</b>
<b>List of Manuals</b>	<b>3</b>
<b>Table of Contents of the Manual(s)</b>	<b>3</b>

## General Description

The Capacitive Level Transmitter (HART) is a level measurement device based on the change in the capacitance of a capacitor (i.e. the water in the column) as the level of fluid constituting the capacitor varies. Capacitive systems work reliably and accurately in most conditions, even extreme temperatures and high pressures. This model includes a 4-20 mA output to monitor the level in the column and is compatible with the HART communication protocol. The device can also be configured manually via its alphanumeric display and push-buttons.

## List of Manuals

Description	Manual number
Capacitive Level Transmitter (Workbook) _____	585141 (85999-00)
Capacitive Level Transmitter (Workbook (Instructor)) _____	585142 (85999-10)

## Table of Contents of the Manual(s)

### Capacitive Level Transmitter (Workbook) (585141 (85999-00))

- 1 Fundamentals of the Capacitive Level Transmitter

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. 2025. 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](http://www.labvolt.com)**

**[www.festo-didactic.com](http://www.festo-didactic.com)**