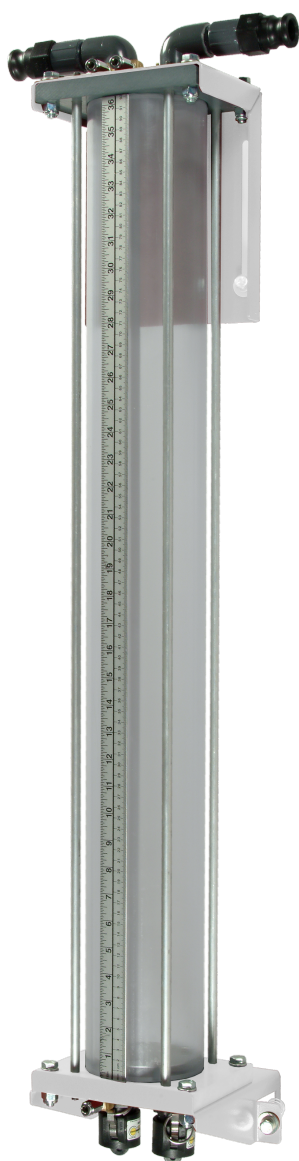


# Column (Small Diameter) 582395 (46902-00)

# 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  
11/2024

## Table of Contents

General Description	3
---------------------	---

---

## General Description

The Column (Small Diameter) is a watertight process column made of clear PVC with a capacity of 7.6 liters (2.0 gal). It has an inner diameter of 10.16 cm (4 in) and a height of 93.7 cm (36.9 in).

The column comprises two ports at the top and bottom of the column which can be connected to the process loop or sealed off with a cap. A ruler is affixed to the column to make simple visual measurements of the level of liquid inside the column. Pressure ports allow for the measurement of the pressure at the bottom and at the top of the column. A safety valve is installed at the top of the column to prevent the pressure from exceeding a safe limit. The safety valve starts to open at 240 kPa (35 psi) to relieve excess pressure and is fully open at a pressure of 345 kPa (50 psi).

The column features a bubbler tube to infer the level of fluid in the column and contains a stainless steel baffle plate to reduce water turbulence when it is filled from the bottom. The Column (Small Diameter) can be used to create interacting second-order processes when interconnected to the large diameter column.

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

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