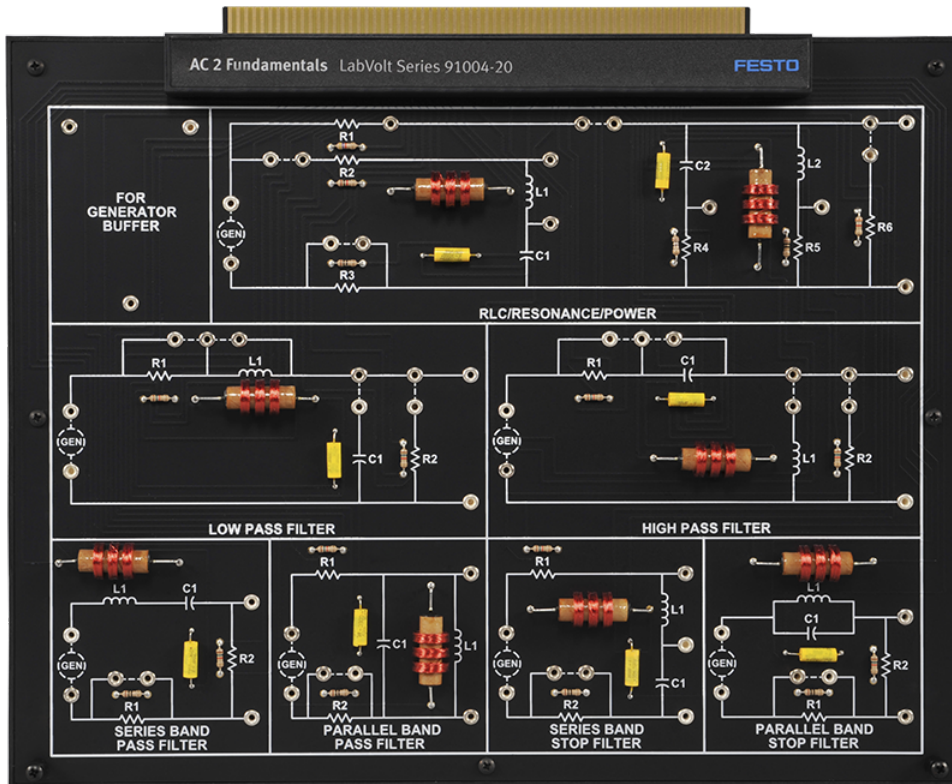


# AC 2 Fundamentals FACET Board 580913 (91004-20)



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.

## Table of Contents

General Description _____	3
Topic Coverage _____	3

## General Description

The AC 2 Fundamentals training module is designed as a continuation of the AC 1 Fundamentals program.

The circuits found on this board include:

- RLC/Resonance/Power
- Low-Pass Filter
- High-Pass Filter
- Series Band-Pass Filter
- Parallel Band-Pass Filter
- Series Band-Stop Filter
- Parallel Band-Stop Filter

## Topic Coverage

- Series and Parallel RLC Circuits
- Series Resonant Circuits
- Q and Bandwidth of a Series/Parallel RLC Circuit
- Resonant Frequency in a Parallel RLC Circuit
- Power Division and Power Factor
- Filters: Low-Pass, High Pass, Band-Pass and Band-Stop
- Troubleshooting Basics and Troubleshooting the AC 2 Fundamentals Circuit Board

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)**