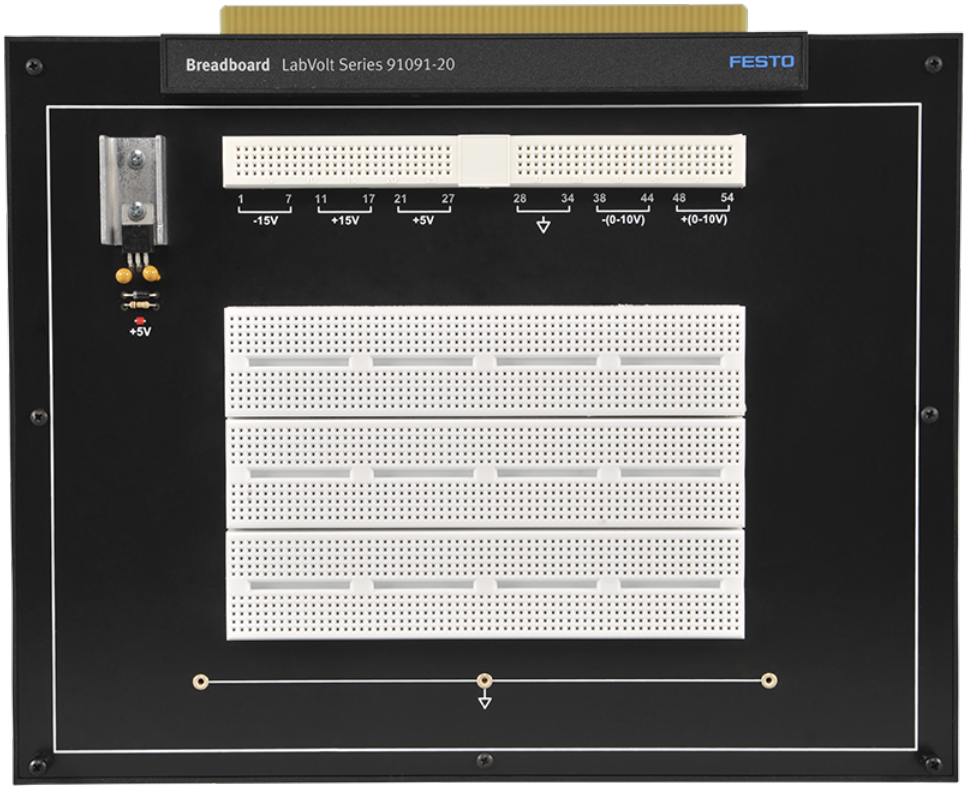
FACET Breadboard
581221 (91091-20)

LabVolt Series

Datasheet



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General Description

The Breadboard module is a good complement to Digital Logic Fundamentals (Model 91014) but it can also be used for teachers' custom exercises or student projects. The Breadboard module consists of three printed circuit boards designed so that students can easily connect and change circuits without the need to sold components. Students gain the understanding of the physical characteristics of components like pinouts, size, power, and impedance voltage limits. The breadboard comes with all the leads and components required to connect the studied circuits. These circuits include astable, bistable, and monostable multivibrators, as well as Schmitt trigger (wave-squaring) circuits. A voltage source powered from the base unit provides the voltages required to power the circuits. These voltages are accessible from an additional solderless breadboard. The practical, hands-on approach of the courseware guides students in the observation and measurement of signals with an oscilloscope. As a prerequisite, students should be familiar with the operation of bipolar transistor circuits.

Topic Coverage

- Astable Multivibrator
- Bistable Multivibrator
- Monostable Multivibrator
- Schmitt Trigger

Features & Benefits

- Three printed circuit boards designed so that students can easily connect and change circuits without the need to solder components.
- All the leads and components required to connect the studied circuits.
- Astable, bistable, and monostable multivibrators
- Schmitt trigger (wave-squaring) circuits

List of Manuals

Description	Manual number
Basics of Multivibrator Circuits (Workbook)	580399 (37967-00)
Basics of Multivibrator Circuits (Workbook (Instructor))	580400 (37967-10)

Table of Contents of the Manual(s)

Basics of Multivibrator Circuits (Workbook) (580399 (37967-00))

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