

Dual-Channel Sampler 595989 (9605-10)

FESTO

LabVolt Series

Datasheet



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General Description

The Dual-Channel Sampler performs time expansion of the I- and Q-channel baseband signals from the radar receiver in order to allow further processing and display. It has three switches to select the system observation range, as well as control knobs for adjusting the system range origin, the balance of the I- and Q-channel output signals, and the DC offsets at the I- and Q-channel outputs. A time base output is provided to obtain an A-scope display on a conventional oscilloscope.

Unregulated DC power is automatically supplied to the Dual-Channel Sampler through self-aligning connectors when it is installed on the Power Supply / Antenna Motor Driver

Specifications

Parameter	Value
I-, Q-Channel Input Voltage Range	-1 V to +1 V
Pulse Input Impedance	50 Ω
Trigger Inputs	TTL
Range	Selectable, 1.8, 3.6, and 7.2 m (5.9, 11.8, and 23.6 ft)
A-Scope Time-Base Output Level	2 V

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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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

www.festo-didactic.com