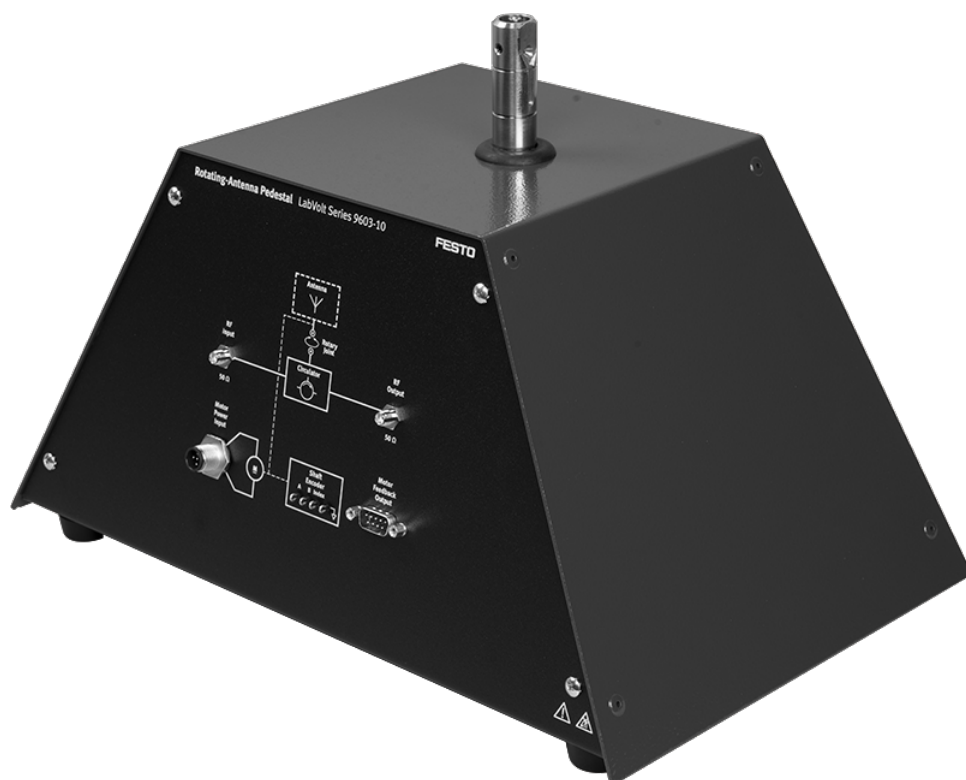


# Rotating-Antenna Pedestal 8112383 (9603-10)

**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.

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## General Description

The Rotating-Antenna Pedestal is the mount and drive motor for the radar antenna. It provides the RF connection between the antenna and the radar transmitter and receiver. Antenna position feedback is obtained from an incremental optical shaft encoder, the output of which may be monitored through front-panel test points. The RF section includes a circulator for simultaneous transmission and reception. A rotary joint provides RF coupling to the rotating antenna mount.

## Specifications

Parameter	Value
<b>Rating</b>	
RF Input and Output Impedance	50 $\Omega$
Shaft Encoder	Incremental, 1024 steps
Shaft Encoder Outputs (A, B, Index)	TTL
Rotation	360°
<b>Physical Characteristics</b>	
Dimensions (H x W x D)	240 x 385 x 250 mm (9.4 x 15.2 x 9.8 in)
Net Weight	8.1 kg (17.8 lb)

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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