

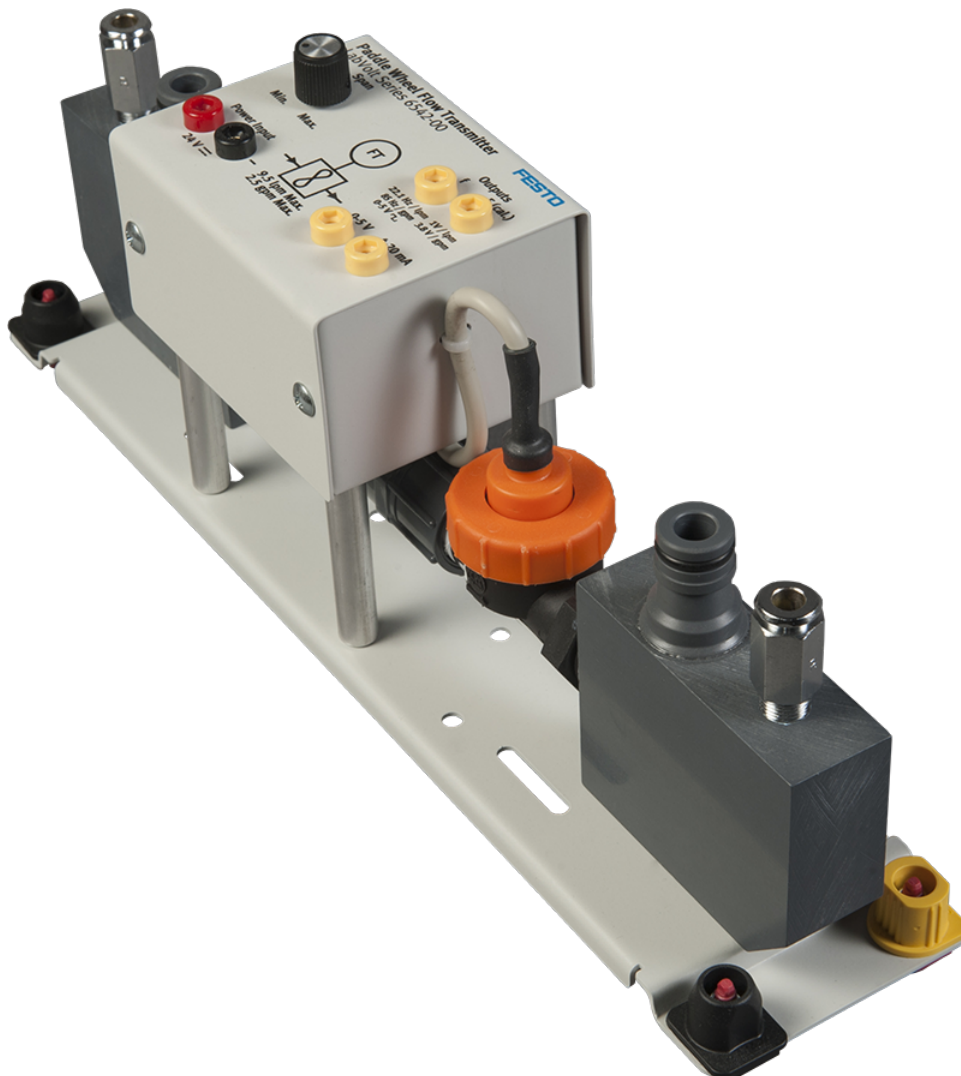
Paddle Wheel Flow Transmitter

588222 (6542-00)

FESTO

LabVolt Series

Datasheet



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General Description

The Paddle Wheel Flow Transmitter is a paddle wheel flow transmitter with two outputs controlled using 0-5 V dc or 4-20 mA signals. The first output is a voltage output calibrated at 1 V per l/min (3.85 V per gal US/min). The second output is a frequency output calibrated at 22.1 Hz per l/min (85 Hz per gal US/min).

The Paddle Wheel Flow Transmitter has a span adjustment of 7-9.5 l/min (1.8-2.5 gal US/min), a linearity of $\pm 1.5\%$ of the full scale, a maximum pressure of 175 kPa (25 psig), and an operating temperature of 5-70°C (41-158°F). The supply voltage of the Paddle Wheel Flow Transmitter is 24 V dc.

Specifications

Parameter	Value
Supply Voltage	24 V dc
Outputs	
Control	0-5 V dc, 4-20 mA
Calibrated	Two, one voltage output of 1 V per L/min (3.85 V per gal US/min), and 0-5 V frequency output of 22.1 Hz per L/min (85 Hz per gal US/min).
Span Adjustment	7-9.5 L/min (1.8-2.5 gal US/min)
Linearity	$\pm 1.5\%$ of full scale
Maximum Pressure	175 kPa (25 psig)
Operating Temperature	5-70°C (41-158°F)

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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