PSD 40-15 – Dual Rail DC Power Supply



- **±15 VDC outputs**
- **1 AMP continuous output current**
- **DIN rail mount for easy installation**
- **Rugged design**
- **UL listed** (including for hazardous environments)
- **CE certified**
- **RoHS compliant**

DESCRIPTION

The PSD 40-15 switching power supply is designed for optimum operation of our DC sensors including our DC LVDTs, RVDTs, RVITs and Gage Heads. As the current capability is 1A continuous, it can operate multiple sensors. The compact design features a DIN standard rail mount, for secure installation in most industrial environments.

The PSD 40-15 has the following UL approvals:

- UL/C-UL listed UL 508
- UL/C-UL Recognized UL 60950
- UL/C-UL Listed UL 1604 Class I, Division 2, Groups A, B, C, D

*MEAS acquired Schaevitz Sensors and the **Schaevitz™** trademark in 2000.*

FEATURES

- 115/230 VAC input
- 45 to 65Hz input frequency
- Low noise output
- Overload and short circuit protection

APPLICATIONS

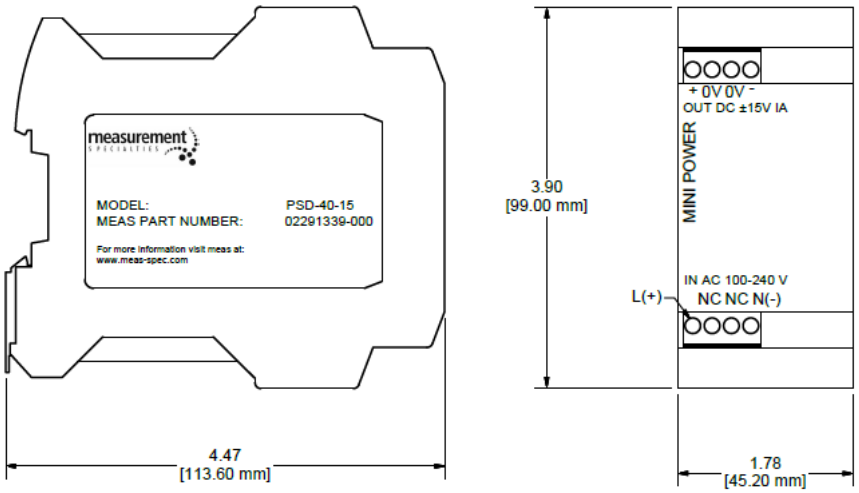
- Use with our DC position sensors
- DIN rail or chassis mount applications
- Multiple sensor applications

PERFORMANCE SPECS

Input		Output	
Input Voltage	85 to 264 VAC	Output Voltage	±15 VDC ±1%
Input Frequency	45 to 65 Hertz	Output Current	1 Amp continuous
Input current at 120VAC	600mA maximum	Ripple	<30mV peak to peak
Input current at 230VAC	400mA maximum	Overload protection	Internal fuse
		Short circuit protection	Internal fuse
Other			
Operating temperature	-25°C to +70°C	Storage temperature	-40°C to +85°C
Weight	250 grams	Conductor cross-section	2.5 mm² maximum

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DIMENSIONS



Dimensions are in inch [mm]

ORDERING INFORMATION

Description	Part Number
PSD 40-15, Dual Rail DC Power Supply	02291339-000

TECHNICAL CONTACT INFORMATION

ABOUT MACRO SENSORS

Macro Sensors, founded by Howard A. Schaevitz, has more than three hundred man-years of experience in just one thing: the design and manufacture of LVDTs. We believe that you need solutions, not simply products. When you call us, you get the benefit of our experience and our commitment.

Most products listed are in stock for immediate delivery, and we strive to offer the finest customer service in the industry: technical support from people who understand LVDTs and how to apply them to your benefit, and a commitment to excellent pricing, quality products, and deliveries that you can truly rely on. Macro Sensors also has a comprehensive network of representatives and distributors in the U.S. and around the world to provide you with local support.

We manufacture an enormous array of LVDTs, from modified standards to complete custom designs. Our customers consistently tell us it is Macro Sensors? quality and service that keeps them coming back. Let our experience go to work for you.

Macro Sensors · 7300 U.S. Route 130 North, Bldg. 22, Pennsauken, NJ 08110-1541 USA

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