DC Current



Rugged Seal Style

- Rugged Metal Case for Rigorous Environments
- Commercially Sealed, Moisture and Dust Proof
- Calibration not Affected by Steel Panel Mounting
- O-Ring Sealed Zero Adjust and Electrical Terminals
- Two sizes: 3-1/2" and 4-1/2"

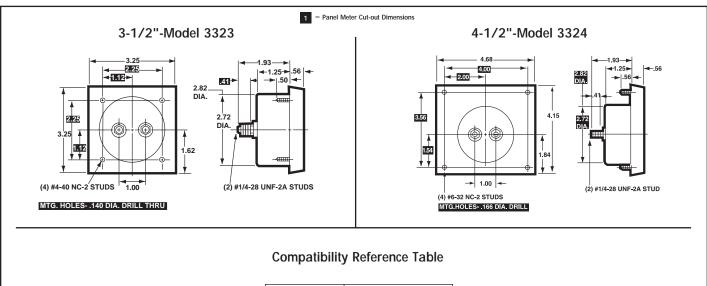
Specifically designed for harsh environments, Simpson's Rugged Seal panel meters are ideal for use in field test equipment or wherever rigorous environmental conditions are encountered. This line of panel meters offers a stylish look with its black metal case and clear glass window. The metal case gives complete magnetic isolation for steel panel mounting, where stray magnetic fields can induce errors in your reading. In addition, each meter is moisture, dirt, and dust proof.

For added environmental protection, both zero adjust and electrical terminals are O-ring sealed. The Rugged Seal meters are available in two convenient sizes; 3-1/2" and



Model Number	Size	Meter Movement
3323	3-1/2"	Annular
3324	4-1/2"	Annular

4-1/2". All DC units feature self-shielding meter movements and $\pm 2\%$ full scale (F.S.) accuracy. This style meter is ideal for many other electrical functions. See the "Function Reference Table."



Dimensions and Compatibility

Size/Wodel 3-1/2" 4-1/2" Modutec K Series K3 K4

Specifications —

Accuracy: ±2% F.S. Resistance: Movement: Annular, self-shielding Operating Temperature: Suspension: Pivot and jewel Case: Tracking: Pointer: +3%Calibration is unaffected by magnetic panel mounting. Shielding: Scale Length: Response Time: 1.5 seconds maximum Overload (1 sec.): 10 times F.S. Overload (Continuous): 1.5 times F.S. Net Weight: Repeatability: 2% Sharp clear scale. Each dial arc is calibrated to track the specific type of movement .

DC Microammeter

Dial:

Range	Approx. Impedance	Model/Size and Catalog Number	
	(ohms)	3-1/2" Model 3323	4-1/2" Model 3324
0-50 0-100	3,000 1450	16055 16060	16150 16155

DC Milliammeter

Range	Approx. Impedance	Model/Size and Catalog Number	
Kange	(ohms)	3-1/2" Model 3323	4-1/2" Model 3324
0-1	80	16045	16140

DC Current Meter

Range	Approx. Impedance	Model/Size and Catalog Number	
Runge	(ohms)	3-1/2" Model 3323	4-1/2" Model 3324
0-5	Internal Shunt	16035	<>
0-10	75mV max.	16040	<>

<> Available on special order.

– Function Reference Table ——

For your convenience, the table below lists Rugged Seal models for other electrical monitoring functions and page reference.

Function	Section	Page
AC Current	E	23
AC Voltage	E	43
DC Voltage	E	83

– Accessories —

±15%

4°F to +149°F (-20°C to +65°C)

Model 3323: 2.74" (70.0mm)

Model 3324: 4.05" (103.0mm

Model 3323: 12oz (0.340kg)

Model 3324: 17oz (0.48kg)

Knife-edge with black matte finish

Metal shielded cover with black matte finish

