

SM9635SD



SM35SD

Specifications

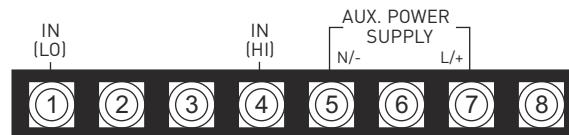
- **Measuring Method** Dual Slope A/D Conversion
- **Sampling Rate** 2.5 Samples per Second
- **Display Type** 14.2mm / 0.56" Digit Height, Red LED (Standard)
- **Maximum Display** 1999 Counts for 3½ Digit Meters
- **Resolution** 0.001 to 1 Count for 3½ depending on the Range
- **Polarity Indication** " - " is indicated for Negative Input
- **Decimal Selection** Field Selectable
- **Over Range Indication** " 1 " or " -1 " for 3½ Digit Meters
- **Maximum Overload** Voltage : 1.2 times continuous
Current : 2 times continuous
- **Environment** Calibration : 27°C ± 5°C,
Operating : 0 to 50°C, RH < 70%
Storage : -10 to 60°C, RH < 70%
- **VA Burden (Typical)** Auxiliary : < 1.0VA
Voltage Input : < 1.0VA,
Current Input : < 1.0VA
- **Faceplate / Lens** Red Antiglare Faceplate with Annunciators
- **Dielectric Strength** 2.5 kV at 50Hz for 1 min. between Case - Terminals
- **Case / Housing Material** DIN Black ABS, Dimension as per DIN 43700
- **Mounting Clamps** Sturdy, Moulded ABS with suitable Hardware
- **Connectors** Terminal Block : Thermoplastic (UL 94V-0) with Tin Plated Brass Terminals
- **Display Stability** Within ± 2 Digits

Display / Digits (max.)		3½ Digits, 1999 Counts	
Digit Height		14.2mm / 0.56"	
Ranges	Input	SM9635SD	SM35SD
DC	mV	0 - 200 mV	
	V	0 - 2, 20, 200, 1000 V	
	µA	0 - 200 µA	
	mA	0 - 2, 20, 200 mA	
	A	0 - 2, 5, 20 A	
	Zero Suppressed	4 - 20 mA or 1 - 5 V	
Auxiliary Power Supply		Standard: 5VDC ± 10%	
Accuracy (Specified at 27 ± 5°C) ± (%FSD + dgt)	V DC	(0.1 + 2)	
	A DC	(0.2 + 2) in all ranges except (0.3 + 2) in 2 A & 5 A (0.5 + 2) in 20 A	
Dimensions (mm)	Front	96 x 96	48 x 96
	Depth (Behind Bezel)	90	88
	Panel Cut-Out	92 (+0.8, -0.0) x 92 (+0.8, -0.0)	44 (+0.5, -0.0) x 92 (+0.8, -0.0)

Ordering Information: Model, Input Range & Scale Display

Standard: As per IS 13875

Terminal Connection



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