

Weight Indicator: SMIT-4016



General Specifications:

Display	6 Digits, 7 segments RED LED, 0.56" height
Keyboard	4 Keys (Index, Up arrow, side arrow, Esc) Membrane
Decimal Point	Selectable: 00000.0, 0000.00, 000.000 (XXXXX.X, XXXX.XX, XXX.XXX)
Programmable parameters	Capacity, Display Resolution, Grad, Zero Track Band, Zero Range
EEPROM/Flash Memory	Configuration Data are stored in serial EEPROM/Flash RAM and Battery backup not required
Analog to Digital Converter	
Type	24-bit, (Delta-Sigma with integrated analogue and digital filter)
Conversion Rate	15 measurement values per sec
Resolution	Internal up to 16 million counts; display up to 10,000 counts
SCALE CALIBRATION AND FUNCTIONS	
Calibration	Calibration with weight
Digital filter	Step width : 0,1,2,5 Round OFF : 1,2,5 Moving Average : 0 to 30
Weighing functions	Tare, zero, auto zero tracking, auto-zero at power-up, auto-net at power-up
Linearity	Within 0.01 % F.S.
Load cells	
Excitation	5 V DC at 58...1 200 Ω , max. 100 mA
Number of load cells	Up to 8 load cells (350 Ω) or 18 load cells (1 100 Ω) in parallel
Connection	4-wire technology
Power Supply	12...28 V DC, max. 300 mA / 110-230VAC (Factory configured)
ENVIRONMENT AND ENCLOSURE	
Operation Temperature & humidity	-10 °C to +50 °C; 85% RH max, non-condensing
Housing & Protection	Panel mount, Aluminum Extruded, SS Front & Back
Dimensions & Weight	48 x 96 x 110 mm (W x H x D), 0.5 kg
Cut-out	92 mm (W) x 44 mm (H)
Ethernet (RJ45) Interface	Ethernet TCP/IP MODBUS Interface Inbuilt webpage to configure IP setting
Baud rate	1200 to 115 200 baud
Digital Input	Two digital inputs, Isolated

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