Panel Mount Indicator, Touch Screen





TCP/IP Modbus RS-485

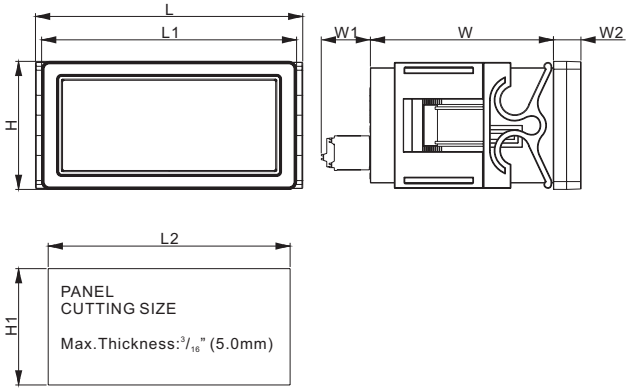
Features:

- Brilliant 3.46" color IPS touch display delivers vivide visuals and responsive control for industrial environments
- Ultra-high-speed 5kHz ADC enables fast, accurate weight capture, ideal for dynamic weighing scenarios
- Internal resolution of 16 million counts ensures exceptional precision and stability in measurement
- Simultaneous multi-output support allows seamless integration with multiple systems and protocols
- Digital communication options include RS-232, RS-485 (Modbus), Ethernet TCP/IP, and Ethernet Modbus TCP
- Analog output is also available for voltage or current-based integration
- 4 digital inputs (photocoupler) and 4 digital outputs (PhotoMOS relay) provide flexible external control and system interaction
- Password-protected calibration access safeguards sensitive setup parameters and ensures compliance
- 10-point calibration capability provides precise linearity across the full measuring range
- Dual calibration modes support both real-load an digital methods for flexible installation and maintenance
- Intuitive navigation menu reduces setup time and enhances usability with a modern, ergonomic interface

Applications:

- Industrial weighing systems
- Process control and automation
- Force measurement and material testing
- Robotics and motion feedback systems
- Batching, filling, and packaging lines
- Machine monitoring and diagnostics via PLC integration

SPECIFICATIONS	
Excitation Voltage	5 VDC, up to 8 x 350 Ω
Power Supply & Consumption	18 - 36 VDC; 5 W
Non-Linearity	0.01 % FS
A/D Sample Rate	up to 5000Hz
IP Rating	IP40
Enclosure Material	ABS
Operating Temperature	-4°F to 140°F / -20°C to 60°C
Humidity	85 % (non-condensing)
Analog Signal Input Range	0 - 39 mV (-19.5 - 19.5 mV)
Unit Of Measurement	g, kg, ton, lb, N, kN, kg*m, N*m, lb*in, lb*ft
Analogue Output (Optional)	0 - 10 VDC; 0 - 5 VDC; -5 - 5 VDC; -10 - 10 VDC; 4 - 20 mA
Display Type	3.46" color IPS LCD with touch screen
Resolution	Internal: 16,000,000 counts; Display: 99,999,999
Communication Port	RS-232 (default); RS-485 (Modbus-RTU); Ethernet (TCP/IP&Modbus-TCP)



PART NUMBER

Part No.	Default Port	Additional Port	Shipping Weight Approx. (lb)
AN310-NA	RS-232	Analog	0.35
AN310-485	RS-232	RS-485	0.35
AN310-ETH	RS-232	Ethernet	0.35

DIMENSIONS			
W	2.76in (70.0mm)	**L**	4.02in (102.2mm)
W1	0.74in (18.8mm)	**L1**	3.84in (97.5mm)
W2	0.41in (10.5mm)	**L2**	3.64in (92.5mm)
H	1.93in (49.0mm)	**H1**	1.75in (44.5mm)

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