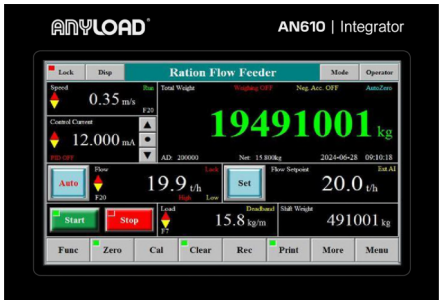
AN610

Scale Integrator, Touch Screen





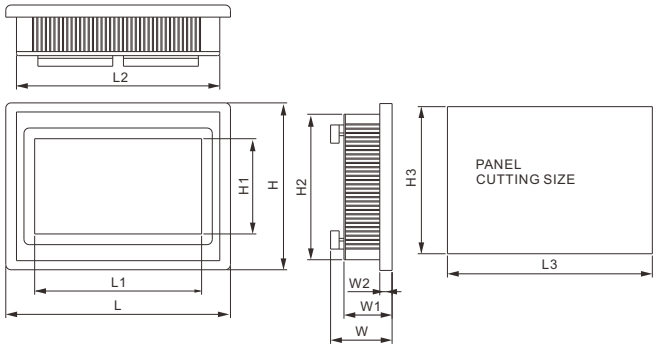
Features:

- High accuracy ADC for precise weight measurement
- Configurable anti-vibration digital filtering for stable readings
- Parameters and calibration settings accessible from the front display
- Printer format control
- PID controllable output functions
- Storage of records by shift, day, or month
- 3x normally open switch inputs
- 3x normally open transistor outputs
- 3x analogue signal outputs
- EMC design with high anti-jamming capability for industrial environments
- Functions: auto zero tracking, batch weighing, flow weighing/control, speed measurement, tare, print interface, shift records

Applications:

- Belt weigher with weight totalizing
- Ration belt weighfeeder with flow feeding
- Loss-in-weight weighfeeder with flow feeding

SPECIFICATIONS	
Power Supply	9~36 VDC (Recommended: 24 VDC)
Max Power Consumption	15W
Excitation Voltage	10 VDC, up to 8 × 350Ω
Analog Signal Input Range	0 - 31mV
Non-Linearity	0.005% FS
Display Type	7" TFT touch screen
CPU	Cortex-A8, 600MHz clock, 128M Flash
Resolution	Display: 99,999,999
A/D Sample Rate	400 Hz
Units of Measurement	lb, Klb, g, kg, t
Communication Ports (Options)	RS-485, Profibus-DP, Profinet, Ethernet Modbus TCP
Speed Sensor Excitation Voltage/Current	12 VDC/ 100mA
Speed Signal Input Range	0.5 - 3000Hz
Print Port	RS-232
Working Temperature	-13°F to 113°F / -25°C to 45°C
IP Rating	IP50 (IP65 with optional enclosure)
Enclosure material	Stainless Steel



DIMENSIONS			
L	8.27in (210.0mm)	**H2**	5.35in (136mm)
L1	6.14in (156.0mm)	**H3**	5.41in (137.5mm)
L2	7.48in (190.0mm)	**W**	2.26in (57.5mm)
L3	7.54in (191.5mm)	**W1**	1.77in (45.0mm)
H	6.14in (156.0mm)	**W2**	0.45in (11.5mm)
H1	3.50in (89.0mm)		

PART NUMBER

Part No.	Communication
AN610-485-A	RS-485
AN610-PFD-A	Profibus DP
AN610-PFN-A	Profinet
AN610-EMT-A	Ethernet Modbus TCP

OPTIONAL ENCLOSURE FOR OUTDOOR APPLICATIONS



- Stainless Steel
- Viewport
- IP65 / NEMA 4

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