

INTEGRATOR WI301



DATA SHEET

Integrator WI301

For dynamic weighing applications.

- highest accuracy
- user friendly
- state-of-the-art



Integrator WI301

EmWeA WI301 was developed for different weighing systems in order to meet the high demands of the industry for a particularly accurate measurement of the products at low cost.

The robust stainless steel housing with its high degree of protection IP 69K is suitable for indoor and outdoor use. An IP 65 panel mount version is also available.



Supported Applications

- Belt scales
- Auger scales / screw feeder scales
- Bulk impact slide flowmeters
- Loss-in-weight feeder scales
- Batch weighers
- Checkweighers
- Static weighing scales
- Mobile systems

Performance Characteristics

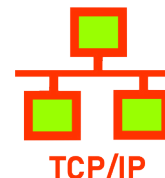
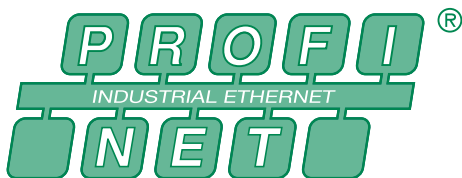
- Stainless steel housing for wall mounting, or panel mounting
- TFT colour display with very large rate display
- Function keys
- Intuitive, easy-to-use interface
- Condition diagnosis
- High-resolution measuring input
- Extremely high measuring frequency
- Various communication options:
 - Binary inputs/outputs
 - Analogue output
 - Serial interface
 - Fieldbus interfaces
 - Ethernet





Technical Specifications

- Housing:**
- Stainless steel housing for wall mounting, or panel mounting
 - Protection: field mount IP 69K (dust and waterproof) / panel mount IP 65
- Operating temperature:**
- -10 ... +40 °C
- Electronics:**
- A/D input: legal for trade resolution 10,000 d, internal 524,000 d; 4 or 6 wire
 - Measurement rate 800 Hz (800 measurements per second, lower adjustable)
 - 5" (13 cm) colour TFT display
 - Membrane keyboard, alphanumeric, with function keys
 - Extensive calibration functions
 - Password and hardware protection
 - Real time clock
 - Legal for trade ready: MID 2004/22/EG; OIML-R50; Class 2, 1, and 0.5
- Power supply:**
- 110 ... 240 V AC 50 ... 60 Hz, or 12 ... 24 V DC
 - Fusing must be provided by the customer
- Inputs:**
- Input for load cells
 - Input for speed sensor or optoelectronic sensor
 - One (1) binary input; 24 V DC (expandable to 3 inputs)
- Outputs:**
- Two (2) binary outputs; optoisolated; 24 V DC; 100 mA (expandable to 6 outputs)
 - One (1) analogue output (0/4 ... 20 mA or 0/2 ... 10 V)
- Serial interfaces:**
- RS-232, RS-422, RS-485, current loop (optional)
- Bus interfaces:**
- PROFINET®, PROFIBUS®, Ethernet TCP/IP, EtherNet/IP™ (optional)
- Markings:**
- CE, RoHS, MID, OIML; ATEX (optional)



EtherNet/IP™



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Any question? →

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