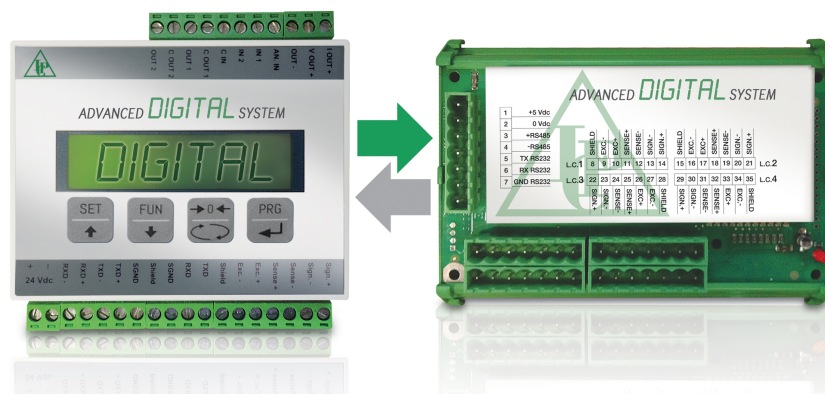


General information

PWS15120241009

A.D. SYSTEM (Advanced Digital System) is a weight transmitter that allows the digital management of analog load cells. The A.D weight transmitter System consists of two elements: the special junction box and the reading tool. Moreover, the weight transmitter A.D. SYSTEM has 4 membrane keys.



All indicated data may be changed without notice.
 All the measures indicated are expressed in millimeters (mm).

Technical specifications

PWS15120241009

| | |
|----------------------------------|--|
| Measuring range: | -1.0 ÷ +3.5 mV/V |
| Input sensitivity: | 0.02 µV/count |
| Full scale non-Linearity: | ±0.01% |
| Gain drift: | ± 0.001% F.S./°C |
| Display: | LCD, alphanumeric |
| A/D Converter: | 24 bit |
| Trasducer input voltage: | 5 V |
| Temperature range: | -10 ÷ +50 °C |
| Storage temperature: | -20 ÷ +70 °C |
| Filter: | 0.1 ÷ 25 Hz |
| Logic output: | 2 relays (dry contacts NA) -115 Vac/30 Vdc 0.5 A |
| Logic input: | 2 opto-isolated 24 Vdc PNP |
| Serial port: | RS232 or RS422/RS485 |
| Analog optional output: | optically isolated 16-bit. Voltage: 0 to 5/10V (R min10 K Ohm). Current: 0/4 to 20mA (R max 300 Ohm) |
| Power supply: | 24 Vdc ±15% - Power consumption 10W |
| Regulatory compliance: | EN61000-6-2, EN61000-6-3 |
| Conversion speed: | from 6 to 12 updates per second on each cell (depends on the number of cells) |
| Fieldbus: | ASCII, Modbus RTU, + optional Profibus, Devicenet, Ethernet |
| Baud rate: | 1200 ÷ 115200 |
| Transmission distance: | 15m (RS232C), 1000m (RS422; RS485) |
| Calibration: | with test certificates, sample table |

All indicated data may be changed without notice.
 All the measures indicated are expressed in millimeters (mm).