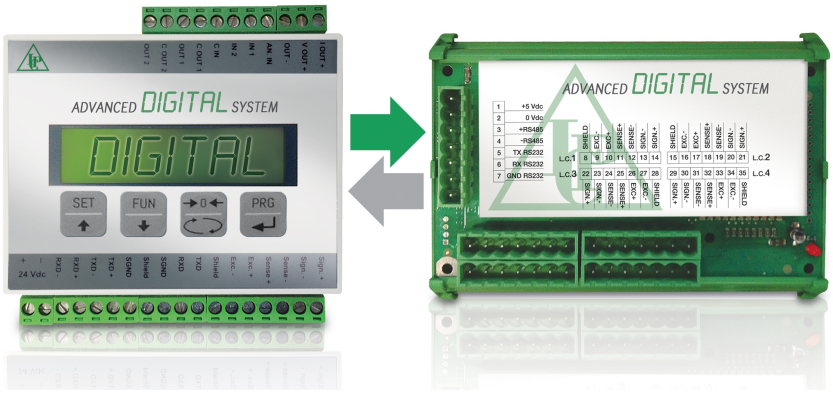
Weight Transmitter **A.D. SYSTEM**

available with certification • EAC

General information

PWS15120260513

A.D. SYSTEM (Advances 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 juction 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).

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Industrial Electronic Weighing Systems since 1963

Technical specifications

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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 inputs:	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
Fieldbus:	ASCII, Modbus RTU, + optional Profibus, Devicenet, Ethernet
Baud rate:	1200 ÷ 115200
Transmission distance:	15m (RS232C), 1000m (RS422; RS485)
Conversion speed:	from 6 to 12 updates per second on each cell (depends on the number of cells)
Calibration:	with test certificates, sample table

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