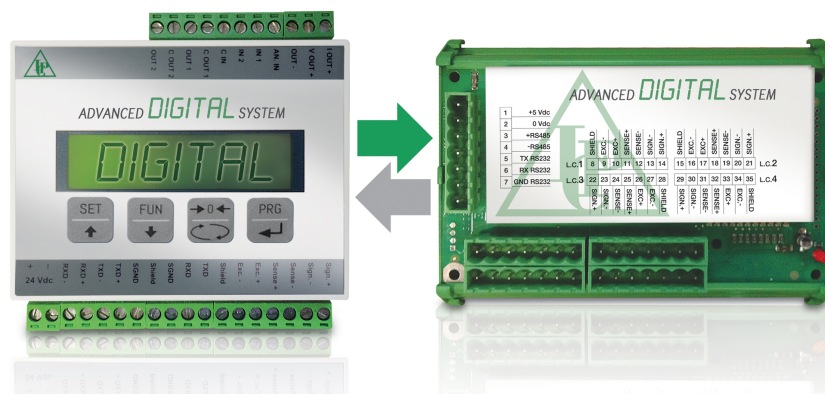


## General information

PVS15120200812

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

PVS15120200812

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

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