TRANSMITTER

T1





EC Type approval certificate. OIML R76:2006
Certificate No. DK 0199.367

- Weight transmitter and indicator for
- Omega/Din rail mounting, suitable for back panel; space-saving vertical shape
- Six-digit semi alphanumeric display
- 7 segment LED, 8mm height
- Dimensions 25 * 115 * 120 mm

SPECIFICATIONs

- 0.2 µV/VSI, 10.000 divisions range.
- 0.01 µV/VSI, 1.000.000 divisions range (for internal use).
- Opto-isolated 16-bit analog output (4-20mA (max 300 ohm), 0-20mA, 0-10V, +/-10V, 0-5V, +/-5V (minimum 10 Kohm)).
- Serial port RS485 for connection to PC/PLC by ASCII or ModBus RTU.
- Optional protocols: Profibus DP, Ethernet/Modbus TCP, USB and Radio by appropriate converter.
- 3 mechanical-relay digital outputs
- 2 opto-isolated digital inputs

TECHNICAL FEATURES	
Power supply and consumption	12 - 24 VDC +/- 10% ; 5 W
Number of Load Cells in parallel and supply	max 8 (350 ohm) ; 5VDC/120mA
Linearity and linearity of the analog output	< 0.01% Full Scale ; < 0.01% Full Scale
Thermal drift and thermal drift of the analog output	< 0.0005 % Full Scale /° C ; < 0.003% Full Scale /° C
A/D Converter	24 bit (ca 16.000.000 points) 4.8 kHz
Max divisions (with measure range: +/- 10mV =2mV/V)	+/- 999999
Measure range	+/- 39 mV
Maximum Load Cells sensitivity	+/- 7 mV/V
Maximum conversions per second	300 conversions/sec. (300 Hz)
Display range	- 999999 ; + 999999
Decimals / Display increments	0 - 4 ; x 1 x 2 x 5 x 10 x 20 x 50 x 100
Digital filter / Conversion rate	0.012 - 7 sec ; 5 - 300 Hz
Logic relay outputs	N.3 - maximum 115 VAC / 150mA
Logic inputs	N.2 - opto-isolated 5 - 24 VDC PNP
Serial port	RS485 (ASCII or Modbus RTU)
Baud rate	2400, 4800, 9600, 19200, 38400, 115200
Humidity (condensate free)	85%
Storage temperature range	- 30° C + 80° C
Working temperature range	- 20° C + 60° C
Working temperature range approved (CE-M APPROVED)	-10° C + 40° C