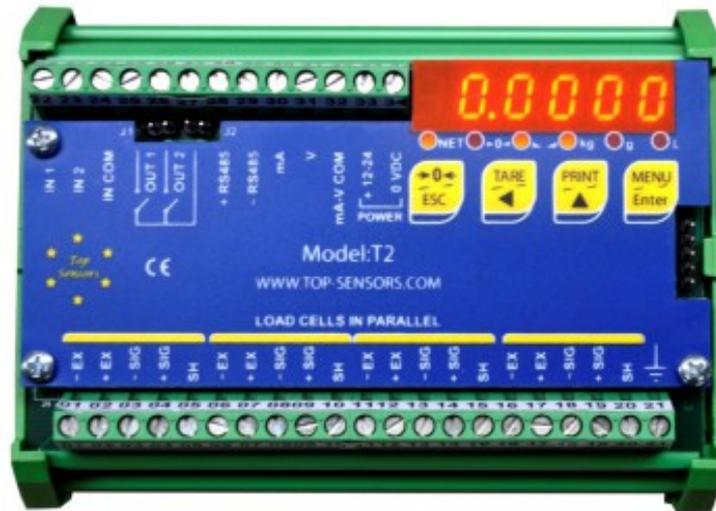


## Gewichtsanzeiger, T2



### Short description



- Weight transmitter and indicator for Omega/Din rail mounting
- Suitable for back panel or junction box
- Six-digit semi alphanumeric display
- 7 segment 8 mm height LED
- Four key keyboard
- On board terminals for 1 to 4, 4 wire load cells, in parallel

### Available models

Model	Capacity	Full article description	Part number
T2	-	Top-Sensors T2 weight transmitter	8003000

### Detailed specifications T2 weight transmitter

- 0.2  $\mu\text{V}/\text{VSI}$ , 10.000 divisions range.
- $\mu\text{V}/\text{VSI}$ , 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.
- 2 opto-isolated transistor 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) 80 Hz
Max divisions (with measure range: +/- 10mV => mV/V)	+/- 999999
Measure range	+/- 19.5 mV
Maximum Load Cells sensitivity	+/- 3 mV/V
Maximum conversions per second	80 conversions/sec. (80 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	0.080 - 7.5 sec ; 5 - 80 Hz
Logic relay outputs	N.2 - maximum 24 VDC / 60mA
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
Dimensions	123 x92 x 50 mm

## Available accessories

<p><b>T2 transmitter enclosure</b></p> <ul style="list-style-type: none"> <li>• Easy installation</li> <li>• Ingress Protection: IP67</li> <li>• Cable glands: 6 x PG9</li> <li>• Comes with pre-mounted DIN rail and transparent cover</li> <li>• Dimensions: 170 x 140 x 95 mm</li> <li>• Part number: 8003010</li> </ul>	
<p><b>T2 External key pad</b></p> <ul style="list-style-type: none"> <li>• Easy installation</li> <li>• Ingress Protection: IP67</li> <li>• Cable glands: 6 x PG9</li> <li>• Keys on the outside of the enclosure</li> <li>• Dimensions: 170 x 140 x 95 mm</li> <li>• Part number: 8003015</li> </ul>	