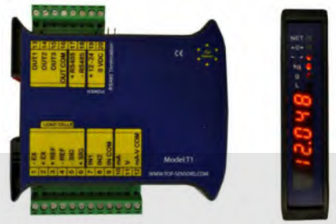
T1
WEIGHING TRANSMITTER



T1 weighing transmitter is a weighing transmitter with high precision, high speed and high stability. It can expand a variety of field businterfaces, and is suitable for various high-precision, high-speed weighing and batching sites and dynamic weighing equipment with multiple nodes and centralized installation.

Certification: OIML R76:2006
Certificate number: DK 0199.36 7

Imported from Europe

- The maximum conversion rate is 300Hz.
- Din-rail installation, small size, can realize dense installation of multiple weighing nodes.
- 7-digit LED display, convenient for on-site debugging.
- Various fieldbus/industrial Ethernet interfaces can be selected to realize high-speed, multi-node fieldbus control.
- Support weight-free calibration.

Technical Indicators	
Housing, Dimensions, Weight	◎ Standard 35mm guide rail installation; instrument size: 25×115×120mm; shell, size, weight: 0.7kg
Power Supply And Power Consumption	◎ DC 12 ～ 24VDC±10%； 5W
Environment	◎ Working environment: -20~+60°C , RH relative humidity ⩽ 85% , condensate allowed ◎ Storage and transportation environment: -30~80°C , RH relative humidity ⩽ 85%, condensate allowed
Input Type	◎ 1~8 350Ω or 1~16 700Ω analog load cells; ◎ Signal range: -39mV ~ +39mV; ◎ Sensor bridge power supply: DC: 5V, 120mA; ◎ Six-wire system
Precision	◎ Maximum number of verification intervals: 10000 ◎ Internal resolution 1/1000000 ◎ Non-linearity and analog output linearity: ⩽ 0.01%FS ◎ Temperature drift and analog output temperature drift: ⩽ 0.0005%FS/°C ; ⩽ 0.003%FS/°C ; ◎ A/D conversion rate: ⩽ 300Hz
Display	◎ 7-digit LED display, character height 8mm; ◎ Display range: -999999~+999999; ◎ 6 status indicators; ◎ Display division value: 1/2/5/10/20/50/100; ◎ Decimal place : 0~4
Operation	◎ 4 touch buttons
Communication	◎ Analog output: 1, 4~20mA/0~20mA/0~5V/0~10V/±5V/±10V ◎ Baud rate: 2400 /4800/9600/19200/38400/115200bps ◎ Protocol: Modbus- RTU (order number: 8003050) Scalable: Profibus-DP (order number: 8003051), ProfiNET (order number: 8003055), DeviceNET (order number: 8003052), EtherNET (order number: 8003053), CANopen (order number: 8003054)
I/O	◎ 2 input 3 output

ZH-8020
WEIGHING INSTRUMENT



ZH-8020 weighing instrument can realize the conversion, display and transmission of 4 weight signals at the same time. It is suitable for various high-speed, high-precision, multi-node weighing control sites.

- Can be connected to 1~4 weight signals.
- Small size, easy for centralized installation.
- The A/D conversion rate is 400Hz, which can meet the application of dynamic weighing equipment.
- Rich interfaces, supporting multiple industrial Ethernet and industrial bus communication protocols.
- Support weight-free calibration
- Optional touch screen/LED screen

Technical Indicators	
Housing, Dimensions, Weight	◎ Size: 123 × 95 × 40mm; 35mm rail installation; weight: 0.6kg
Powered By	◎ DC 9 ~ 36V DC
Environment	◎ Working environment: 0~40°C , RH relative humidity ⩽ 90% , non-condensing; ◎ Storage and transportation environment: -20~50°C , RH relative humidity ⩽ 90% , non-condensing
Input Type	◎ Can be connected to 4 weighing signals, each with 1~4 analog load cells; signal range: -5mV ~+15mV; ◎ Sensor bridge power supply: DC: 5V, 150mA; six-wire wiring
Precision	◎ Accuracy grade: Class III ◎ Maximum number of verification intervals: 3000 ◎ Input sensitivity: 1μV/e ◎ A/D conversion rate: ⩽ 400Hz
Display	◎ Single-line 6-digit LED digital tube display ◎ The maximum display scale is 10,0000 ◎ Display scale value: 1/2/5 ◎ Decimal places: 0~4
Operation	◎ 4 touch buttons
Communication	◎ Serial port: 2, RS232C, RS485 ◎ Baud rate: 4800~115200bps optional ◎ Protocol: ModBus-RTU ◎ Extensible dual RJ45 interface industrial Ethernet (ModBus TCP/IP, Pro iNet, EtherNet)