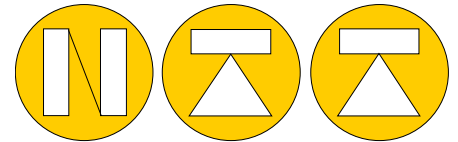


NTLS Analog Weight Transmitter



NORDIC TRANSDUCER



Option

IP 65 enclosure
with external front keypad

Weight transmitter and indicator for DIN rail mounting suitable for back panel or junction box. Six-digit semi alphanumeric display (8mm h), 7 segment LED. Four-key keyboard. Dimensions: 123x92x50 mm. IP67 box version, dimensions: 170x140x95mm. Four fixing holes diameter 4mm (centre distance 122x152mm).

The instrument is equipped with a RS485 serial port for connection to: PC/PLC up to 32 instruments (max 99 with line repeaters) by ASCII protocol (compatible with W60000) or ModBus RTU.

Optoisolated analog output 16bit: 0-20mA; 4-20mA (max 300ohm); 0-10V; 0-5V; $\pm 10V$; $\pm 5V$ (min 10kohm).

THEORETICAL CALIBRATION is performed via the keyboard.

NTLS

We can also deliver NTLS in a IP 64 box as shown with clear lid so the display is visible all the time, and still it is a very economical solution, where it can function with input from up to 4 load cell, outputs for Volt or mA and RS485 can also be used for a Large Display on longer distance +++++ Zero setting can be activated on push button outside.



POWER SUPPLY and CONSUMPTION
No LOAD CELLS IN PARALLEL and SUPPLY
LINEARITY / LINEARITY OF THE ANALOG OUTPUT
THERMAL DRIFT / THERMAL DRIFT OF THE ANALOG OUT.
A/D CONVERTER
MAX DIVISIONS (with measure range: +/- 10mV =2mV/V)
MEASURE RANGE
MAX LOAD CELL'S SENSITIVITY
MAX CONVERSIONS PER SECOND
DISPLAY RANGE
DIGITAL FILTER / CONVERSION RATE
LOGIC RELAY OUTPUTS
LOGIC INPUTS
SERIAL PORT
BAUD RATE
HUMIDITY (condensate free)
STORAGE TEMPERATURE
WORKING TEMPERATURE

12 - 24 VDC +/- 10% ; 3 W
max 8 (350 ohm) ; 5VDC/120mA
< 0.01% Full Scale / < 0.01% F.S.
< 0.0005 % F.S. /°C < 0.003 % F.S. /°C
24 bit (16000000 points) 4.8kHz
 ± 999999
 ± 19.5 mV
 ± 3 mV/V
80 conversions/sec.
-999999; +999999
0.080 - 7.5 s / 5 - 80 Hz
N.2- max 24VDC /60mA
N.2 -optoisolated 5-24VDC PNP
RS485
2400, 4800, 9600, 19200, 38400, 115200
85 %
- 30°C + 80°C
- 20°C + 60°C