

# TLB485

DIGITAL WEIGHT TRANSMITTER WITH RS485

- A/D Converter 24bit (16000000 points) 4800Hz
- Display range 999999
- Conversion rate 300 Hz

TLB 485 .....  
 - 2 Analog inputs 0-10V, 10 bits (they replace logic inputs) .....  
 - Alibi memory .....

RRP £225

ASK FOR AN OFFER

RRP £75

**CE - M APPROVABLE**

III 10000 divisions  
0.2  $\mu$ V/VS1



on request



Weight transmitter and indicator for Omega/DIN rail mounting suitable for back panel; space-saving vertical shape. Six-digit semialphanumeric display (8mm h), 7 segment LED. Four buttons. Dimensions: 25x115x120 mm

The instrument is equipped with a RS485 serial port for connection to:

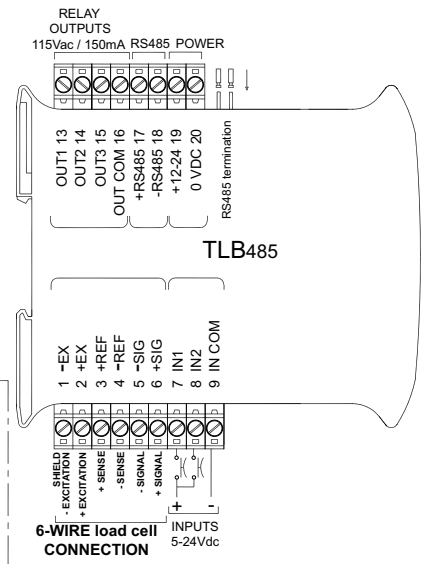
- PC/PLC up to 32 instruments (max 99 with line repeaters) by ASCII Laumas protocol (compatible with W60000) or ModBus RTU.

- Remote display.

THEORETICAL CALIBRATION by using buttons.

Weight transmitter approved OIML R61 (Automatic Gravimetric Filling Instruments) according to WELMEC Guide 8.8:2011 (MID).

CE-M approvable EN45501-2009/23/EC-OIML R76:2006



## TECHNICAL FEATURES

### POWER SUPPLY and CONSUMPTION

No LOAD CELLS IN PARALLEL and SUPPLY LINEARITY

### THERMAL DRIFT

### A/D CONVERTER

MAX DIVISIONS (with measure range: +/- 10mV = 2mV/V)

### MEASURE RANGE

### MAX LOAD CELL'S SENSITIVITY

### MAX CONVERSIONS PER SECOND

### DISPLAY RANGE

### DECIMALS / DISPLAY INCREMENTS

### DIGITAL FILTER / CONVERSION RATE

### LOGIC RELAY OUTPUTS

### LOGIC INPUTS

### SERIAL PORT

### BAUD RATE

### HUMIDITY (condensate free)

### STORAGE TEMPERATURE

### WORKING TEMPERATURE

### WORKING TEMPERATURE (CE-M APPROVED)

12 - 24 VDC +/- 10% ; 5 W  
 max 8 ( 350 ohm ); 5VDC/120mA  
 < 0.01% Full Scale  
 < 0.0005 % F.S. /°C  
 24 bit (16000000 points) 4.8kHz  
 ± 999999  
 ± 39 mV  
 ± 7 mV/V  
 300 conversions/sec.  
 - 999999 ; + 999999  
 0 - 4 ; x 1 x 2 x 5 x 10 x 20 x 50 x 100  
 0.012 - 7 sec / 5 - 300 Hz  
 N.3 - max 115 VAC / 150mA  
 N.2 - optoisolated 5 - 24 VDC PNP  
 RS485  
 2400, 4800, 9600, 19200, 38400, 115200  
 85 %  
 - 30°C + 80°C  
 - 20°C + 60°C  
 -10°C + 40°C

### Example of application



The two inputs can work as: net/gross weight, zero-setting, peak, or can be remotely read via protocol. The three outputs can work as set-points or can be remotely switched via protocol. In monodirectional mode the RS485 port can be directly connected to PC's or remote display's RS232 port.