

TLBcc-LINK

DIGITAL WEIGHT TRANSMITTER (RS485 - CC-LINK)

TLB CC-LINK

RRP £395

OPTIONS ON REQUEST:

- 2 Analog inputs 0-10V, 10 bits (they replace logic inputs)
- Alibi memory
- Initial verification (Legal Metrology) **M**

RRP £120
RRP £170



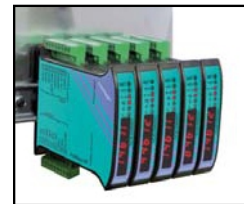
- A/D Converter 24bit (16000000 points) 4800Hz
- Display range 999999
- Conversion rate 300 Hz

CE - **M** APPROVABLE

10000 divisions
0.2 µV/VS1



Example of application



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 two communication ports:

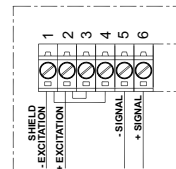
- **Slave CC-LINK port**, max 64 instruments.
- RS485 for connection to:
 - PC/PLC up to 32 instruments (max 99 with line repeaters) by ASCII Laumas protocol (compatible with W60000) or ModBus RTU Protocol.
 - Remote display.

THEORETICAL CALIBRATION by using buttons.

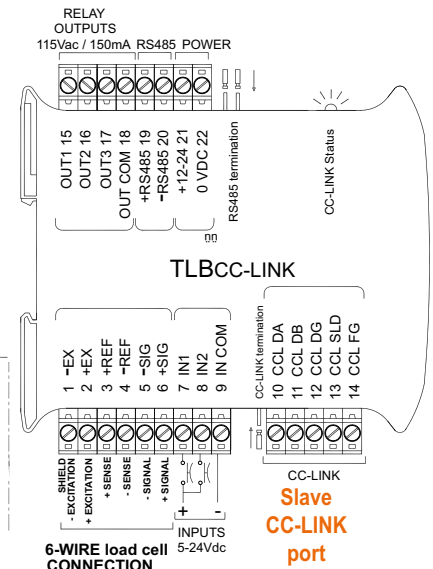
Weight transmitter approved OIML R61 (Automatic Gravimetric Filling Instruments) according to WELMEC Guide 8.8:2011 (MID).

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

TERMINAL BOARDS



4-WIRE load cell CONNECTION



TECHNICAL FEATURES

POWER SUPPLY and CONSUMPTION	12 - 24 VDC +/- 10% ; 5 W
No LOAD CELLS IN PARALLEL and SUPPLY	max 8 (350 ohm) ; 5 VDC / 120 mA
LINEARITY	< 0.01% Full Scale
THERMAL DRIFT	< 0.0005 % F.S. /°C
A/D CONVERTER	24 bit (16000000 points) 4.8 kHz
MAX DIVISIONS (with measure range: +/- 10mV =2mV/V)	+/- 999999
MEASURE RANGE	+/- 39 mV
MAX LOAD CELL'S SENSITIVITY	+/- 7 mV/V
MAX CONVERSIONS PER SECOND	300 conversions/s
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 s / 5 - 300 Hz
LOGIC RELAY OUTPUTS	N.3 - max 115 VAC / 150 mA
LOGIC INPUTS	N.2 - optoisolated 5 - 24 VDC PNP
RS485 PORT - Baud rate	2400, 4800, 9600, 19200, 38400, 115200
CC-LINK PORT - Baud rate	156 k, 625 k, 2500 k, 5 M, 10 M
HUMIDITY (condensate free)	85 %
STORAGE TEMPERATURE	- 30°C + 80°C
WORKING TEMPERATURE	- 20°C + 60°C
WORKING TEMPERATURE (CE-M APPROVED)	-10°C + 40°C

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.