

ELZ B

Electronic counter
with temperature compensation



SIMPLE TO OPERATE

All functions integrated.
Power pack (direct main supply circuit)
Direct connection to all sensors and solenoid valves

ROBUST

Potting of all electrical circuits ensures protection against atmospheric and mechanical influences

EXTENSIVELY PROVEN

The reliability of the ELZ counter has been proven in tough everyday use



- Alfons Haar provides a **2 year guarantee** for the ELZ!

Because: – 100% Alfons Haar quality product

– each ELZ is subjected to a burn-in test, which sorts out any device faults prior to delivery

- selection of up to 8 products with individual specific gravity conversion factors
- 3 additional additive products possible
- language and currency selection
- customer number input
- display available in litres or kilograms
- quantity preset with 2-step cut-off
- office communication possible by TDL interface (PreciLINK)
- additive injection facility (PreciMix)
- POS invoicing in vehicle
- daily and total report print out
- printer output of calibration and operating settings
- printer output and data quantity can be configured to suit customer needs
- up to 4 ELZ counters can operate with a single printer
- secondary display available

ELZ B

Electronic counter
with temperature compensation



PRINTER INTERFACE

- up to 4 ELZ counters can be connected to one printer
- direct PC connection (V-24 interface)

The printer data can be accessed by the connected computer. Delivery data can also be transmitted via the printer interface to a PC, notebook or handheld computer. This data can be processed as required using any software outside of the area governed by Weights and Measures.

- Point of Sale invoicing via PC printer or ELZ printer.
- ELZ control directly via PreciLINK or from PC

The modular system adapts to all required configurations permitting on board POS invoicing, as well as communication to the office PC via PreciLINK using the TDL standards protocol.

The ELZ with its integrated power pack (24V) and the integrated input and output signal interfaces is the ultimate solution for an economic and trouble free stand alone application.

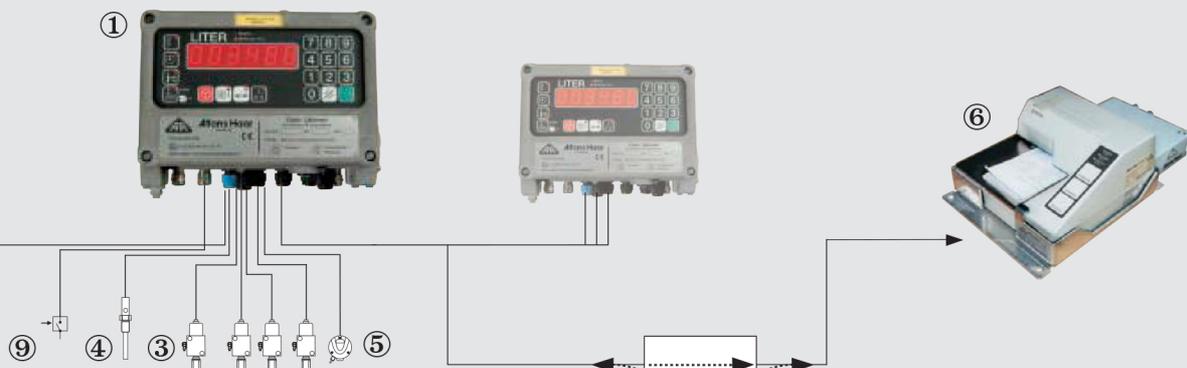
By connecting a PC to the printer interface a full scale invoice can be printed at the POS. Furthermore a simple POS invoice can be generated directly from the ELZ printer. Direct GSM communication by PreciLINK permits bi-directional tour data to be communicated between truck and office.

ELZ POWER SUPPLY 18–32V DC,
OPERATING TEMPERATURE IN HAZARDOUS AREA
-20°C TO 50°C

OPERATING TEMPERATURE IN NON HAZARDOUS AREA
-24°C TO 70°C.

II 2 (1) G eb ib mb [ia Ga] IIB T4 GB

SYSTEM CONCEPT: ELZ WITH PRINTER INTERFACE DB3A AND GSM COMMUNICATION PRECILINK



description	type	part number
① electronic register	ELZ B	2069748
② printer interface	DB 3A	1667110
③ solenoid valve	MVB 3/2-3/2B	1339350
④ temperature sensor	TWE 60A1	1323780
⑤ pulser	IGELZ 1A 36	1302031
⑥ printer DB 3A		
⑦ handheld computer		
⑧ PC with office software		
⑨ pressure switch		

Outside of Weights and Measures approval covered by Weights and Measures approval