

CountMASTER

Electronic Counter with temperature compensation



Alfons Haar

CountMASTER — The best Counter a Tanker Can Have !



YOUR ADVANTAGE

- The upgrade with additional functions is possible via software module
- The menu structure allows easiest operation, logical workflow and customer-specific adaptation
- Alfons Haar provides a 2 year guarantee for the CountMASTER because:
 - 100% Alfons Haar quality product
 - processing technology (e.g. spec. putting of electronic circuits) well-proven over several years effectively neutralises any weather factors and vibrations in the tanker
 - each CountMASTER is subjected to a burn-in test, which sorts out any device faults prior to delivery

OPERATION

- High-contrast, large graphical display - easy to read also under bad weather conditions
- Operator guidance, menu controlled

INSTALLATION

- In instrument cabinet, Zone I
- Connection to all current volumetric meters with pulse transmitter

CountMASTER

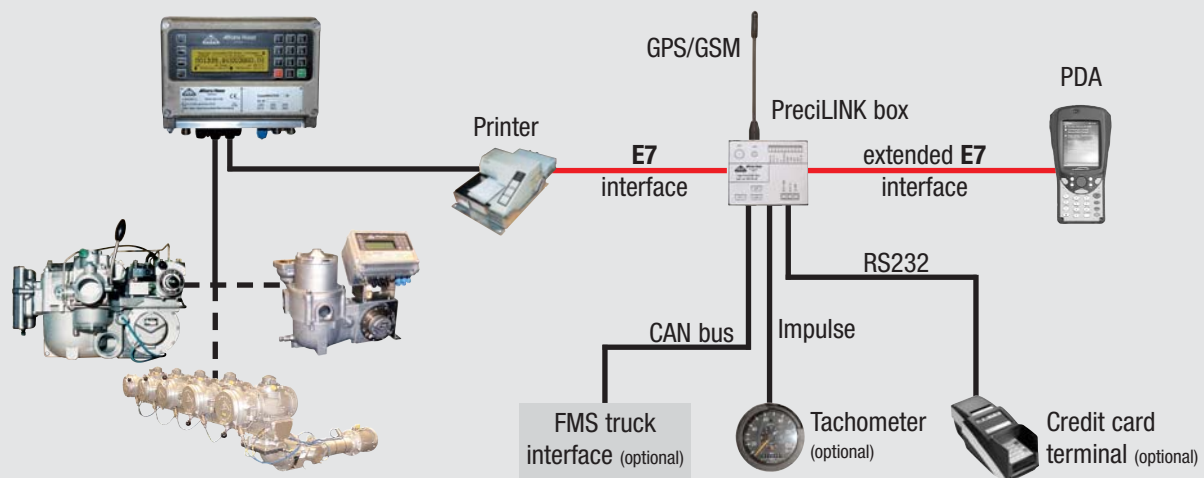
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More than only a counter head ...

- Integrated additive injection – PreciMix system – adjustable from 0.01 to 9.99 ‰
- Compartment control: Automatic control of the bottom valves during delivery and loading operation
- Up to two measuring systems in one controller
- Individual setup and selection of products
- 15 languages integrated
- Journal of up to last 500 deliveries
- Invoicing
- Printout of daily and total report
- Data connection via E7 interface
- Integrated service function for all devices connected via data bus
- Uploading and downloading of the configuration via Laptop or PC



TECHNICAL DATA

Power supply, external	24 V DC = (18 ... 32 V)
Solenoid valve outputs	24V +10%, max. 220mA
Pulser inputs	acc. to EN 60947-5-6
Temp sensor inputs	acc. to EN 60751
Universal inputs	acc. to EN 60947-5-6
Protection class	IP 65
Protection type	EEx em [ia,ib] IIB T4
Operation temperature range	-25° C to +63° C