

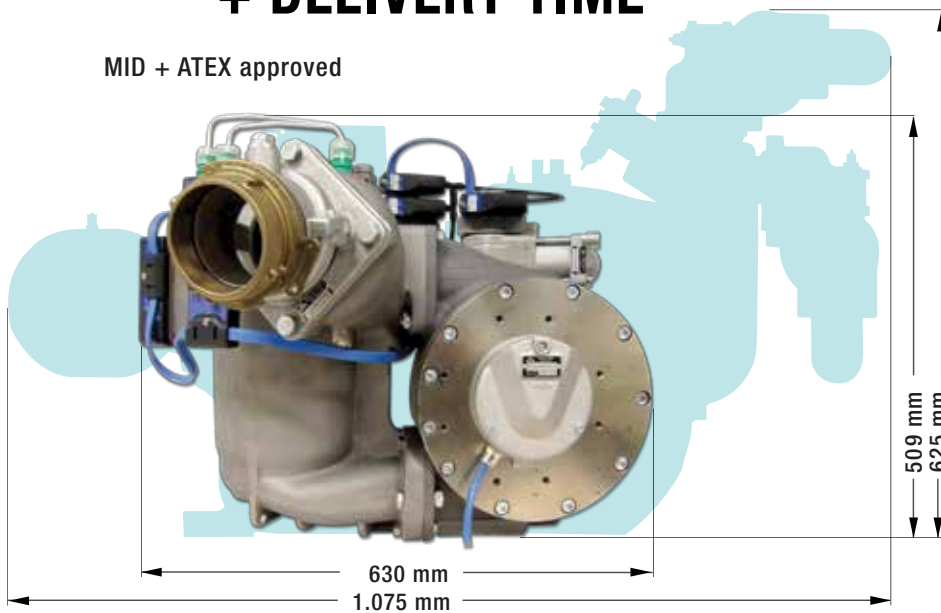
# PreciMA C1000 E

PRECICONTROL BASED MEASURING UNIT  
FOR GRAVITY OR PUMPED DELIVERY



## SAVE COSTS SAVE SPACE, WEIGHT + DELIVERY TIME

MID + ATEX approved



**CountMASTER 4A**  
Interactive interface  
between user and  
measuring unit

- Completely mounted and configured ex works, ready to be installed and easily connected
- High degree of security against operator manipulation
- Full automatic control of all loading and discharge functions – pneumatic logic elements and control blocks are no longer necessary
- Wide range of delivery options: Gravity/ wet hose / dry hose
- Long-term reliability of electronics due to robust burn-in and potting technology
- Contamination-free product change achieved by draining of residues or intelligent product return
- Easy electrical installation uses Field bus wiring system "PreciBUS". No wiring looms or terminal boxes

Compact design -  
 up to 33% reduction in cabinet size  
 33% savings = 300 €

Up to 30% less system weight  
 for double measuring units up to 55 kg  
 Payload savings per year: 475 €

Less pressure loss:  
 up to 12% reduction in unloading time  
 (at least 5 min./unloading process)  
 Time savings approx. 7.5 hrs per year  
 = 2700 €

Total savings:  
Per truck and year over 3000 €

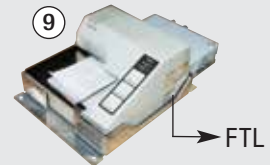
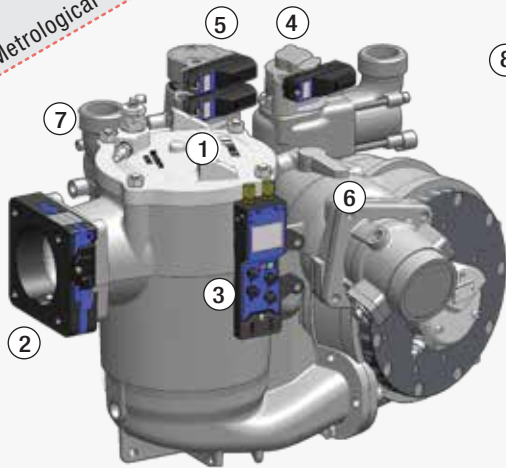
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## COMPONENTS

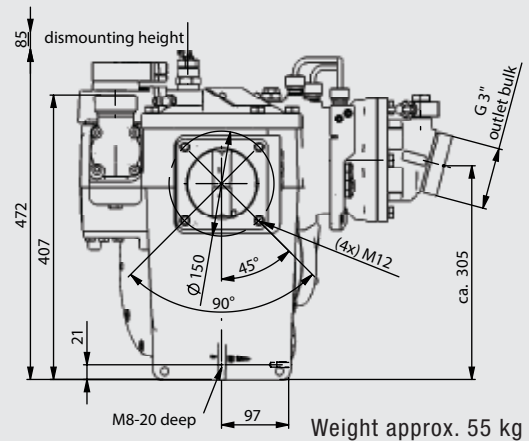
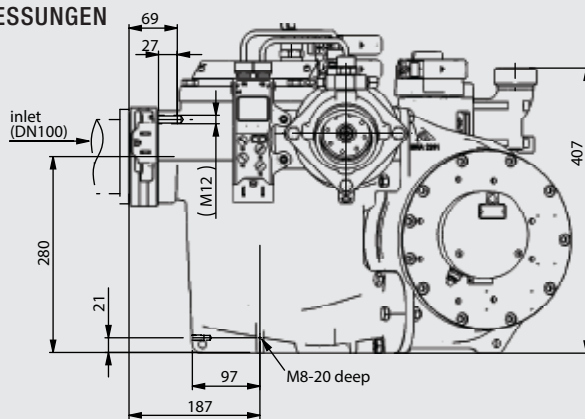
Metrological calibration limit \*



- |   |   |
|---|---|
| 1. PreciMA C 1000 EV2 V L SG                    | 7. Delivery valve wet hose (two-stage)  |
| 2. Gas bubble detector PreciNODE SME 100        | 8. Controller CountMASTER 4A MID  |
| 3. Electro-pneumatic control unit PreciNODE ... | 9. PreciNODE ...Printer with interface (data transfer to on-board computer or office via the FTL interface according to EN 15969-1 is possible) |
| 4. Delivery valve wet hose (one-stage)          |   |
| 5. Electro-pneumatic control unit               |   |
| 6. Delivery valve dry hose                      |   |

\* The Alfons Haar measuring unit, approved according to MID Annex D, can be put straight into service after installation. Additional calibration of the vehicle is not required!

## ABMESSUNGEN



## TECHNICAL DATA

MEASURING RANGE: 80 l/min bis 1000 l/min  
 MIN. MEASURING QUANTITY: 200 l  
 MEASURING PRODUCT: Liquids, except water, with a viscosity < 20 mPas at 20°C (e.g. petrol, diesel, heating oil, bio diesel and E 85)  
 MAX. OPERATION PRESSURE: 10 bar  
 POWER SUPPLY: 24V on-board electronic unit (15 - 32 V)

## OPTIONS

The central controller, CountMASTER 4, can be extended for other functions by software upgrade:

- RPMS (Retained Product Monitoring System)
- SPDS (Sealed Parcel Delivery System)

Draining of residues or product return with flow rate indicator (for more information see separate brochure)