

Hydrogen Dispenser

with metrological approval and receipt printing



Application examples: Truck filling



Custody transfer



Hydrogen Dispensing

The design of the C401 is a logical next step, based on our successful product lines for harsh surroundings and explosive atmospheres. The C-series is designed with a focus on high-quality and reliability for use in metrological and custody transfer applications. The C401 is a Hydrogen dispenser in conjunction with Coriolis mass flow meters. Ruggedness and reliability is where Fluidwell stands for and it is now available in a comprehensive well designed and purpose driven Zone 2 flow computer, approved by PTB (Germany).

Advantages

- Robust aluminum field enclosure suitable for truck mounting.
- Straight forward operation and automated control of the Coriolis mass flow meter.
- All info at a glance, with the large backlit graphical LCD suitable for extreme outdoor use.

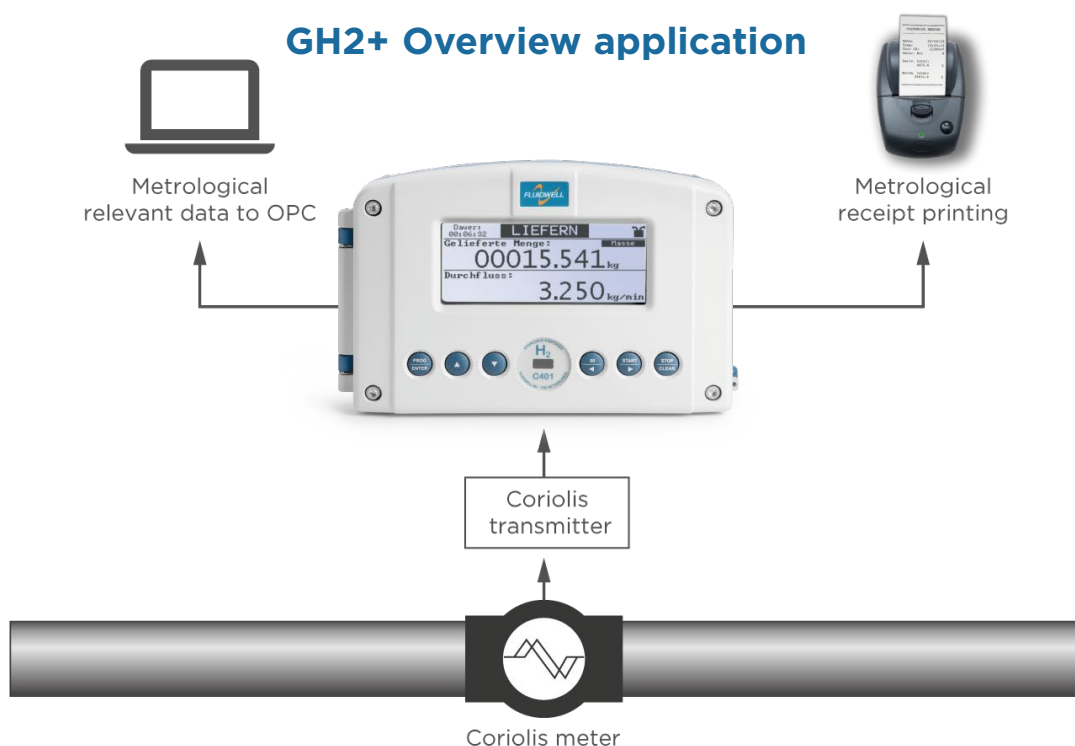
Features

- Metrology approved system by PTB: MID M1002 / OIML R137.
- Zone 2 ATEX Certification: EX II 3 G Ex ec IIC T4 Gc.
- Displays current volumetric and mass flow rate, delivered total, time/date, status indication, engineering and time units.
- Low flow rate and cut-off limit alarms with adjustable hysteresis.
- Application driven design for truck dispensing of Hydrogen.
- Dedicated communication port for a Coriolis mass flow meter.
- Communication port for data transfer to industrial Open Platform Communications (OPC).
- Communication port for direct ticket printing.
- Full integration and control of the Coriolis mass flow meter.
- Extensive logging of process data, events and error handling.
- Large graphical user interface with large digits.
- Bright backlight for good readability during day and night.
- Multiple languages supported.
- Ambient temperature: -25°C to +55°C (-13°F to 133°F).

Graphical feature overview



GH2+ Overview application



All info at a glance



Easy to install



Easy to program



Know one know them all!



Reliable



User-friendly

C401 / GH2+ is a collaborative project from:

More info:
www.fluidwell.com/hydrogen

More info: www.trigasdm.com

More info: www.rheonik.com