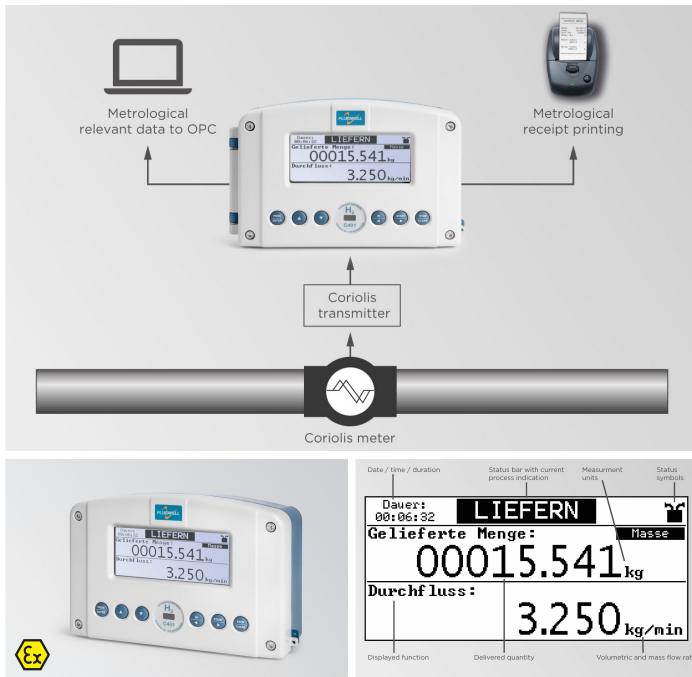


C401 Hydrogen Dispenser

with metrological approval and receipt printer driver



Features

- Metrology approved system by PTB, according to MID MI002 / OIML R137.
- Zone 2 ATEX certification according to: 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 dispense of Hydrogen (GH2+).
- Dedicated communication port for 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).
- For further details or new opportunities, please contact us: +31 413 343786 or [click here](#).

Product description

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 / custody transfer applications. The C401 is a Hydrogen dispenser in conjunction with Coriolis mass flow meters.

Ruggedness and reliability is what 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 outdoor 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.

Applications

- Hydrogen distribution on board of trucks or marine bunkering. For accurately register metrologically the dispensed amount of Hydrogen.
- For loading and unloading Hydrogen trucks, trains and other carriers.
- The (re)calibration of Hydrogen Refilling Station (HRS).

Product specifications

Signal Inputs

Flowmeter Inputs

- Coriolis Mass Flowmeter Input:
RS485: Modbus ASCII / RTU

Supply

Power Supply

- 16 - 27V DC.

Signal Outputs

Pulse outputs

- None.

Alarm outputs

- None.

Analog outputs

- None.

Control outputs

- None.

Hazardous Area

Non-Sparking, Zone 2

- ATEX:
Gas: II 3 G Ex ec IIC T4 Gc

Communication

- **Port 2:**
Function: All Metrologically relevant data.
Protocol: FTL.
Interface: RS232 / RS485 2-wire or 4-wire.
- **Port 3:**
Function: Metrologically Print receipt.
Protocol: ASCII.
Interface: RS232.



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We're happy to answer any questions about our products and services.
Just send us an email or give us a call.