LPGmass D8EB
Coriolis flowmeter

The refueling and distribution application flowmeter with easy system integration

More information and current pricing:
www.au.endress.com/D8EB

Benefits:

- Excellent operational safety – reliable under extreme ambient conditions
- Fewer process measuring points – multivariable measurement (flow, density, temperature)
- Space-saving installation – no in/outlet run needs
- Space-saving transmitter – full functionality on the smallest footprint
- Fast commissioning – pre-configured devices
- Automatic recovery of data for servicing

Specs at a glance

- **Max. measurement error** Mass flow (liquid): ±0.20 % Volume flow (liquid): ±0.30 %
- **Measuring range** 0 to 70 000 kg/h (0 to 2570 lb/min)
- **Medium temperature range** –50 to +125 °C (–58 to +257 °F)
- **Max. process pressure** PN 40, Class 300
- **Wetted materials** Measuring tube: 1.4539 (904L) Connection: 1.4404 (316/316L)

Field of application: The LPGmass is specially designed for flow measurement of LPG for dispensing and truck unloading. It combines an integrated temperature measurement with intelligent conversion functions, providing volume correction directly on site. LPGmass will be the preferred choice for system integrators, skid builders and equipment manufacturers.

Features and specifications

Liquids

Measuring principle
Coriolis

Product headline
The refueling and distribution application flowmeter with easy sytem integration. Accurate measurement of liquefied petroleum gas in refueling and distribution applications.

Sensor features
Excellent operational safety – reliable under extreme ambient conditions. Fewer process measuring points – multivariable measurement (flow, density, temperature). Space-saving installation – no in/outlet run needs. Flow rates up to 70 000 kg/h (2570 lb/min). Volume flow calculation according to API table 53.

Transmitter features
Space-saving transmitter – full functionality on the smallest footprint. Fast commissioning – pre-configured devices. Automatic recovery of data for servicing. Robust, compact transmitter housing. Modbus RS485.

Nominal diameter range
DN 8 to 50 (⅜ to 2")

Wetted materials
Measuring tube: 1.4539 (904L)
Connection: 1.4404 (316/316L)

Measured variables
Mass flow, density, temperature, volume flow, corrected volume flow, reference density

Max. measurement error
Mass flow (liquid): ±0.20 %
Volume flow (liquid): ±0.30 %

Measuring range
0 to 70 000 kg/h (0 to 2570 lb/min)

Liquids

Max. process pressure
PN 40, Class 300

Medium temperature range
−50 to +125 °C (−58 to +257 °F)

Ambient temperature range
−40 to +60 °C (−40 to +140 °F)

Sensor housing material
1.4301 (304), corrosion resistant

Transmitter housing material
AlSi10Mg, coated

Degree of protection
IP66/67, type 4X enclosure

Display/Operation
No local operation
Configuration via operating tools possible

Outputs
None

Inputs
None

Digital communication
Modbus RS485

Power supply
DC 20 to 30 V

Hazardous area approvals
ATEX, IECEx, cCSAus, NEPSI, INMETRO

Product safety
CE, C-Tick

Liquids

Metrological approvals and certificates

Calibration performed on accredited calibration facilities (acc. to ISO/IEC 17025)

Pressure approvals and certificates

PED, CRN

Material certificates

3.1 - Material

More information **www.au.endress.com/D8EB**

Endress+Hauser Australia Pty Ltd
Australia

addresses.endress.com
info.au.sc@endress.com

Endress+Hauser