

CORITEC 4



**Measurement and control system
for CNG dispensers**



COR-D26 DISPLAY

Exclusive design adapted to CNG dispatching requirements. Large display screen with backlight. Many indicators show dispatch details. Menu with options to choose three-languages (Spanish, Portuguese and English).



CON-24DI CONTROLLER BOARD

This board contains the logic and power interfaces to control two hoses per dispenser simultaneously and independently. Power interfaces allow to control solenoid valves or to drive pneumatics actuators. In case of energy supply interruption, the battery allows to stop the charge underway and visualize the data on the display. Inputs for pressure transducers (two per hose). RS-485 communication. Serial port for reading/writing identification devices: RFID, chip cards, magnetic cards, optic, intelligent key, one-wire, etc.



DS-600/DS-1200 MASS FLOW METER

Flow rate: 0 to 100 Kg/min. Exclusive design of tubes and electronics. Excellent measurement quality based on digital signal processing (DSP) which is essential in fast charge systems. Simple assembly, compact and very light design.

Technical specifications

| | | | |
|---------------------|---------------------------------------|-------------------------|-----------------------------|
| Flow rate (nominal) | | Weight | |
| DS600 | 0 a 35 kg/min | CON-24DI controller | 2.420 Kg (with transformer) |
| DS1200 | 0 a 100 kg/min | COR-D26 display | 0.650 Kg |
| | | DS600 / DS1200 | 2.200 Kg / 2.700 Kg |
| Accuracy | | Operating conditions | |
| DS600 | ±0.25 % of flow rate + zero stability | Temperature | -10 to + 60 °C |
| DS1200 | ±0.50 % of flow rate + zero stability | Max pressure | 345 bar |
| Zero stability | | Classification | |
| DS600 | ±0.25 gr/min | CON-24DI controller | Ex [ib] IIB |
| DS1200 | ±0.50 gr/min | COR-D26 display | Ex ib IIB T3 IP 65 |
| Dimensions (mm) | | DS600 / DS1200 | Ex ib IIB T2...T5 IP 65 |
| CON-24DI controller | 284 x 189 x 165 | Certificate of approval | BUREAU VERITAS BVG 084-4 |
| COR-D26 display | 242 x 52 x 182 | Power supply | 220/240 VAC 10% 48/62 Hz |
| Cables | max 3 m | Power | 6 W |
| DS600 / DS1200 | 290 x 85 x 203 | | |
| Communication | | | |
| RS-485 | | | |



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