



amesys
BEN

ORION ECONOMETER



The ORION Econometer permits constant evaluation of the vessel's fuel efficiency level.

The ORION Standard Version consists of :

- One Main Cabinet (PVBEN420),
- Two fuel flowmeters : type to be defined according to needs.

MAIN FEATURES

Two LCD Displays :

- Top LCD Display :
 - Instantaneous speed (knots),
 - Instantaneous consumption (litre/hour),
 - Average consumption (litre/hour).
- Bottom LCD Display :
 - Total distance (1/10 mile),
 - Total consumption (litres),
 - Efficiency factor.

Gain, damping, dimmer adjustments and service help are accessible through keyboard.

SPECIFICATIONS

- Dimensions : 114 x 114 x 28 mm,
- Power supply : 12 V or 24 Vdc,
- Inputs :
 - 200 ppm
 - Or GPS RS 422 NMEA0183
 - Or GPS RS 232 NMEA0183
- Outputs :
 - Total consumption (litres) dry contact
 - or serial RS422 NMEA0183 format
 - or serial RS232 NMEA0183 format

OPTION

- Heavy fuel or other flows, please contact i2e/BEN.

SENSOR SPECIFICATION

| Part Number | Size | Linear Area l/h | Max. Flow l/h | Connector PdG « G » | Mass/ kg | Area of site in mm | | | Pressure drop |
|-------------|--------|--------------------|------------------|------------------------|-------------|--------------------|-----|-----|--------------------|
| | | | | | | H | I | L | |
| PVBEN203 | 5 cm3 | 0 à 500 | 500 | M18 x 1,5 | 1,0 | 62 | 68 | 110 | 0,05 bar à 250 l/h |
| PVBEN204 | 16 cm3 | 0 à 1200 | 1200 | G3/4" | 2,2 | 114 | 110 | 100 | 0,07 bar à 250 l/h |

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