

DN 33 Flowmeter Electromagnetic Flow Measurement



DN 33 Flowmeter

The DN 33 flowmeter is designed to be fitted with a compact or remote electromagnetic sleeve sensor type. This sleeve sensor with customized flanges allows flow measurements of all conductive liquids.

CABINET TYPE DN1



CABINET TYPE BMA5



Physical features

Converter DN 33

- Moulded alloy box in Beige colour or customized
- Water tightness : IP 65
- LCD display with 2 lines of 20 characters
- Dimensions : 267 X 164 X 99 mm
- Weight : 3 kg

Sleeve and flange type sensor

- Diameters : DN 20 to DN 100
- Innerlinning : Rilsan
- Flange : customized

Applications fields

Submarine environments

Technical features

Converter DN 33

- Frequency : 6 Hz
- Power supply : 24 Vcc (+32v/ - 19v)
- In option : 110 V , 220 V - 50 Hz or 60 Hz +/- 10 %
- Consumption : 230 mA
- Inputs :electrode and RS232
- Outputs :
 - current, 4 -20mA
 - totalizer, open collector 24v
 - flow direction, (dry contact)
 - alarm (2 dry contacts)
 - RS 232

Sleeve sensor :

- maximum temperature of the liquid 70°C
- vibration resistance :
 - from 0.1 Hz to 1 Hz : a = 10 mn
 - from 1 H to 50 Hz : γ = 40 mg

References

AGOSTA 90 B | SNLE | SCORPENE | SNA | SNG

- Shock resistance : 60g
- Pressure & tightness resistance : 52 bars

Version for modernization :

- Cabinet type DN1 (connectors Deutsch Serial 901) for DN1 sensor.
- Cabinet Type BMA5 (Connectors Deutsch Serial DCI) for DN1 sensor or sleeve sensor DN20 to DN100.