



amesys
BEN

DN 33 FLOWMETER

ELECTROMAGNETIC FLOW MEASUREMENT



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.

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
 - Innerlining : Rilsan
 - Flange : customized

APPLICATION FIELDS

- SUBMARINE ENVIRONMENT

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 \pm 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 : y = 40 mg
 - 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.

REFERENCES

- AGOSTA 90 B
- SNLE
- SCORPENE
- SNA
- SNG



CABINET TYPE DN1



CABINET TYPE BMA5



THIS DATA SHEET IS SUBJECT TO ALTERATION WITHOUT NOTICE.

DOC023-B

