CALYPSO

ELECTROMAGNETIC SPEED LOG

The CALYPSO EM Speed Log reflects BEN's incomparable experience in the field of speed logs. It meets all IMO regulation and is especially designed for large commercial ships, with over 200m cable requirement between sensor and main cabinet.

The CALYPSO is composed of a main cabinet to be installed in the wheel house and a blind transmitter located nearby the sensor.

The CALYPSO is suitable with following BEN sensors :

- 65.2 sensor with weldable or screw-on type hullfitting,
- 65.2 watertight sensor with weldable or screw-on type hullfitting,
- 65 X/Y, dual axis sensor,
- Lens sensor for double hull ships.

MEAN FEATURES :

- **LCD display** :
    - double scale circular bargraph for speed
    - digital speed
    - distance with zero reset
    - automatic scale adjustment
    - alarm test
- **Electromechanical mile counter without reset**
- **LCD Display 2 lines 16 characters :**
    - linearization set up,
    - damping set up,
    - error message display,
    - 5 points calibration program,
    - dimmer adjustment,
    - automatic sensitivity adjustment,
    - on line auto-test program.

TECHNICAL SPECIFICATIONS :

Calypso Main Cabinet : 244 x 164 x 95mm

Blind Transmitter : 244 x 164 x 95 mm

Weight : 3 kg (each cabinet)
Power supply : 220Vac – 50-60 Hz

Outputs/Inputs :

- 4 x 1/200 N.M. (2 x static relay + 2 x dry contact 24V/250mA) or (4 x static relay)
- 1 x 1/10 mille (open collector)
- 2 x analog ouputs 0-500 µA
- 2 x RS422 NMEA0183
- 2 x Frequency inputs
- 1 x input RS422
- Automatic scale : -2/+25 and -5/+50 kts
- Distance : 0-99999,9 N.M.
- Accuracy : 0,5 % of full scale linear
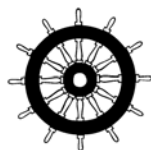- Damping on 60 seconds

Options :

- XY version
- CLI65 sensor with built-in electronic
- RGD100 speed & distance digital repeater
- ALIZE speed & distance digital repeater
- GA120 analog repeater for speed & distance

Standards :

IEC 945 according to IMO A574
IEC 1023 according to IMO A478

**Type Approval to EMC European Directive
IEC 945 + IEC 1023**

CABLE INSTALLATION

THIS DATA SHEET IS SUBJECT TO ALTERATION WITHOUT NOTICE

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