

# BLIND ANTHEA EM Log

## Electromagnetic Speed Log

The BLIND ANTHEA EM speed log is designed for all type of civil ships. It can be installed near the sensor. There is no distance limitation between the cabinet and its peripherals. For standard operations, BLIND ANTHEA uses model 48 mm. It can be adapted to other BEN Marine sensors that have the same electrical characteristics. The BLIND ANTHEA speed log consists of:

- One IP65 metal case
- One sensor
- One hull fitting

The choice of the hull equipment depends on the hull type. BLIND ANTHEA is compatible with all navigation peripherals.



## Characteristics

### Main features

- Automatic gain control
- Damping control via strap
- Permanent self-test
- Simple configuration via a software BLASS:
  - Calibration,
  - Correction of 3-point linearization,
  - Error message display,
  - Alarm threshold adjustment,
  - Memorization of vessel settings.

The cabinet can be flush or bulkhead mounted.

### Technical specifications

- Power supply: 24 VDC - 50 or 60 Hz
- Outputs:
  - 2 x 1/200 nautical mile (2 x relay outputs 24 VDC / 250 mA),
  - 1 x 1/10 nautical mile (open collector),
  - 1 x analog output (0 - 500  $\mu$ A),
  - 1 x RS232 NMEA 0183 format output,
  - 2 x alarm outputs (2 x relay outputs 50 V - 2 A).
- Scale: double scale -2 / +25 and -5 / +50 knots
- Distance: 0 - 99,999.9 nautical miles
- Speed accuracy: 0.5 % of full scale
- Distance accuracy: > 0.1 nautical mile/hour
- Damping on: 4, 16 or 32 seconds

### Options

- Power supply: 115 VAC or 230 VAC
  - 50 or 60 Hz
- Dual axis version: longitudinal and transversal speed

### Standards

- IEC 60945
- IEC 61023
- IEC 61162-1
- IMO MSC97
- IMO A694
- IMO MSC96
- IMO MSC191

### Dimensions

- Length: 244 mm
- Width: 164 mm
- Depth: 95 mm
- Weight: 3 kg



IMO Type approval - Wheelmark  
by Bureau Veritas

