

COMPASS & HEADING / BEARING REPEATERS

MD69/21 PELORUS STAND BEARING COMPASS REPEATER

SKU: F021008

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OVERVIEW

The MD69/21 Pelorus Stand Assembly is a complete Bearing Repeater solution with a fitted gimbal and a precision dual-scale bearing repeater bowl. Available with a range of options for all types of vessel

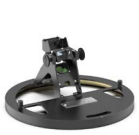
The MD69/21 Pelorus Stand Assembly is lightweight, easy to install and extremely rugged. Fully sealed to IEC 60945 Exposed Area Classification and suitable for wheelhouse and exterior deck environments, including weatherproof terminal box to connect with the vessel's cabling.

The MD69/21 Pelorus Stand Assembly from Marine Data: Flexible in application, easy to install and simple to maintain.

APPLICATIONS

- Provides a rugged Bearing Repeater solution on a deck or bridge

ACCESSORIES



MD69AZI
Azimuth Sight



MD69BC
Bearing Circle



MD60A2K
Telescopic Alidade



MD69CPC
Canvas Cover



MD21WD
Weather Dome

RELATED PRODUCTS

MD69/22 - Bearing Compass Repeater on Bulkhead Mount

MD69BR - Bearing Compass Repeater on Trunnion Mount

FEATURES

- **Rugged GRP Pelorus Stand with Bearing Repeater**
- **Includes MD69BR Precision Dual-Scale 36:1 Repeater Bowl**
- **With Fully Gimballed Bearing Repeater Mount and Integral Terminal Box**
- **Built-in Dimmer Control**
- **NMEA 0183 Digital Connection**
- **Optional Weather Dome or Flexible Canvas Cover**
- **Fully sealed to IEC 60945 Exposed Area Classification**

TYPE APPROVED PRODUCT
DNV
DNV.COM/AF

SPECIFICATIONS

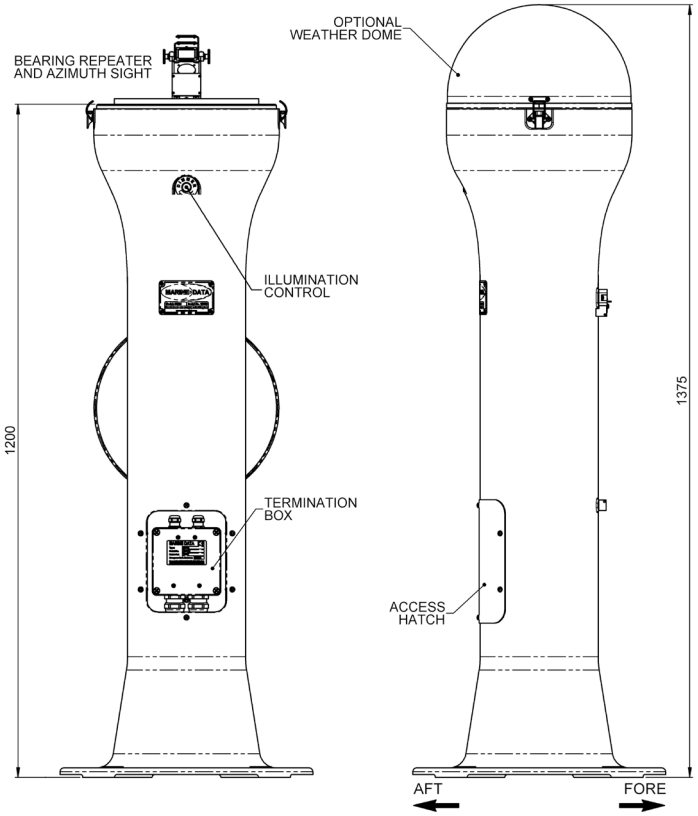
PHYSICAL	
Weight:	22 kg complete assembly (including optional dome); 12 kg (stand only)
Dimensions:	H 1200 mm (H 1375 mm with optional Weather Dome); max Ø 450 mm
Repeater Bowl:	Model MD69BR Precision Dual Scale 36:1
Mounting:	Deck; 4x M20 bolts (not supplied)
Connections:	Integral Terminal Box
Construction:	Glass Reinforced Plastic (GRP)
Finish:	Window Grey (RAL7040) Semi-gloss Paint

ELECTRICAL	
Earth Bond:	M6 stud on cable terminal box
Illumination:	Built-in rotary dimming control 0-24 V dc Red tint illumination colour
Heading Data:	NMEA 0183

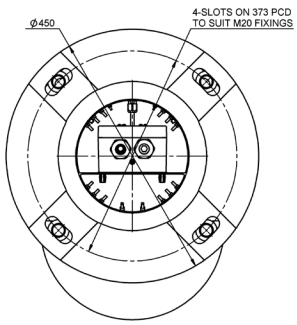
OPERATIONAL	
Performance:	± 0.01° resolution
Follow-Up Rate:	20° per second
Gimbal Action:	±45° pitch and roll
Display:	Dual scale 36:1 rotating dial display
Heading LEDs:	Blue = True Heading; Yellow = Magnetic Heading
Resolution:	Outer scale marked at 1°, 5°, 10° & 45°; Inner scale marked at 0.1° & 1°
Illumination:	LED array with local & remote dimming control; red tint
Error Indication:	Loss of valid data: Dial oscillates ±35° about the last known good heading

ENVIRONMENTAL	
IEC 60945 Equipment Category:	Exposed Area
Operating temp:	-25°C to +55°C
RoHS:	Compliant
Compass Safe Distance:	Standard: 20 cm Steering: 20 cm

APPROVALS	
Conforms with:	BS EN 60945:2002 (BSI, 2008) BS EN 61162-1:2016 (BSI, 2016) BS EN 62288:2014 (BSI, 2016) BS ISO 8728:2014 (BSI, 2014) BS ISO 16328:2014 (BSI, 2014) IMO Res. A.424(XI) (IMO, 1979) IMO Res. A.821(19) (IMO, 1995) IMO Res. MSC.36(63) (IMO, 1994) IMO Res. MSC.97(73) (IMO, 2000) IMO Res. MSC191(79) (IMO, 2004)
Type Approval:	DNV



All dimensions in mm



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