

COMPASS & HEADING / BEARING REPEATERS

MD69/24 PELORUS PEDESTAL BEARING COMPASS REPEATER

SKU: F069124

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OVERVIEW

The MD69/24 Pelorus Pedestal Assembly is a complete Bearing Repeater solution with a fitted gimbal and a MD69BR precision dual-scale bearing repeater bowl.

The MD69/24 is a cost-effective solution which is easy to install and extremely rugged. Fully sealed to IEC 60945 Exposed Area Classification and suitable for wheelhouse and exterior deck environments. The Pelorus Pedestal assembly includes the MD96JCB weatherproof terminal box to connect with the vessel's cabling and extra MD69CPC Canvas Protective Cover.

The MD69/24 Pelorus Pedestal Assembly from Marine Data: Flexible in application, easy to install and simple to maintain.

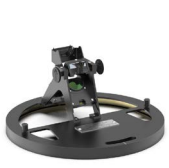
FEATURES

- **Rugged Aluminium Pelorus Pedestal with Bearing Repeater**
- **Includes MD69BR Precision Dual-Scale 36:1 Repeater Bowl**
- **Fully Gimballed Bearing Repeater Mount and Weatherproof Terminal Box**
- **Built-in Dimmer Control**
- **Included Canvas Protective Cover**
- **NMEA 0183 Digital Connection**
- **Fully sealed to IEC 60945 Exposed Area Classification**

APPLICATIONS

- Provides a rugged Bearing Repeater solution on a deck or bridge
- Cost effective pelorus pedestal solution

ACCESSORIES



MD69AZI
Azimuth Sight



MD69BC
Bearing Circle



MD60A2K
Telescopic Alidade



MD69CPC
Protective Cover
(Included)

RELATED PRODUCTS

MD69/21 - Bearing Compass Repeater in Pelorus Stand

MD69/22 - Bearing Compass Repeater on Bulkhead Mount

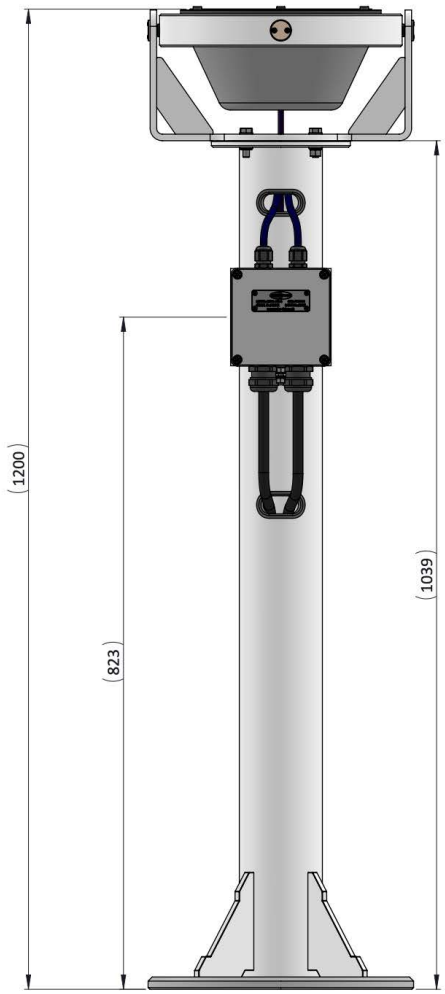
MD69BRX - Bearing Compass Repeater for Retrofit

TYPE APPROVED PRODUCT
DNV
DNV.COM/AF

SPECIFICATIONS

PHYSICAL	
Weight:	15.7 kg complete assembly; 6.6 kg (pedestal only)
Dimensions:	H 1200 mm; W 365 mm
Repeater Bowl:	MD69BR Precision Dual Scale 36:1
Mounting:	Deck; 4x M20 bolts (not supplied)
Connections:	MD96JCB Weatherproof Junction Box 16-way / Expandable to 32-way
Construction:	Aluminium Alloy
Finish:	Window Grey (RAL7040) Semi-gloss Powder Coat

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

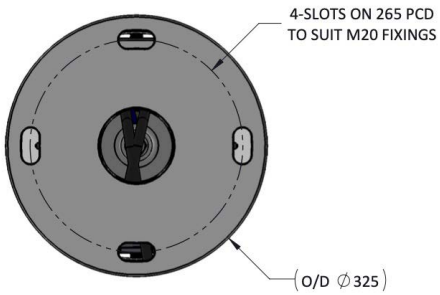


OPERATIONAL	
Performance:	± 0.01° resolution
Follow-Up Rate:	20° per second
Gimbal Action:	±45° pitch and roll
Display:	Dual scale 36:1 rotating dial display
Heading LEDs:	Blue = True Heading; Yellow = Magnetic Heading
Resolution:	Outer scale marked at 1°, 5°, 10° & 45°; Inner scale marked at 0.1° & 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

Bottom View:



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