Technical Data

Supply voltage & power consumption
- 24 V DC (18-36 V DC)
- Approx. 25 W

Signal inputs
- Heading (gyro, sat): THS, HDT, Course Bus
- Heading (magnetic): HDG, THS, HDT, Magnetic Sonde, Course Bus
- Speed: VHW, VBW, VTG
- Nav mode: APB

Signal outputs
- VDR connection: HTD, RSA, PANZRSA, PANZSTA

Ethernet interface
- 2 Ethernet interfaces in teaming mode (acc. to IEC 61162-450)

Control of steering gear
- 2 switching outputs (24V DC – 110V DC, max. 48 W)
- 2 analog outputs (+/- 10 V DC, max. 5 mA, or 4–20 mA)

Actual rudder from steering gear
+/-10V, 4-20mA, potentiometer

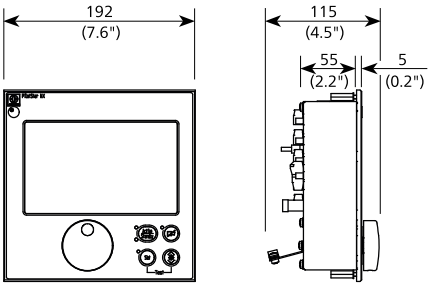
Status/alerts
- Off-heading
- Heading monitor
- Steering failure
- System failure
- Autopilot on
- Alert communication acc. to IEC 62923-1/-2

Temperature range
- Operation: -15°C to + 55°C
- Storage: -40°C to + 70°C

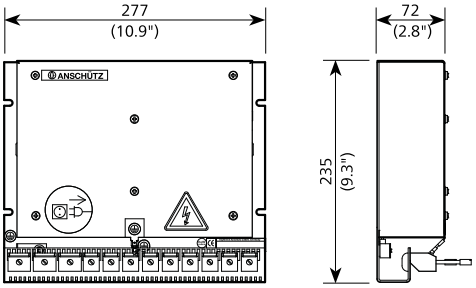
Type approved as
- Heading control system
- Heading control system for high-speed craft

Type of enclosure acc. to IEC 60529
- PilotStar NX operator unit: IP23 / IP56 (front side)
- PilotStar NX interface unit: IP 12

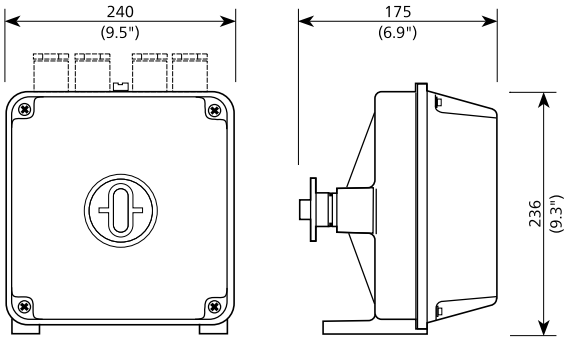
PilotStar NX operator unit 1.5 kg



PilotStar NX interface unit 3 kg



Feedback unit 4 kg



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