

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, HDM, Magnetic Sonde, Course Bus
- Speed: VHW, VBW, VTG
- Position: GGA, GLL, RMC, GNS

ECDIS

- according to IEC 62065 (track control system)
- NMEA telegram APB (waypoint steering for NP 5100 and NP 5300)

Signal outputs to 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)

Status/alarm outputs

- Off-heading
- Heading monitor
- Steering failure
- System failure
- Bi-directional central alarm reset
- Autopilot on

Type approved as

- Heading control system
- Heading control system for high-speed craft
- Part of a track control system

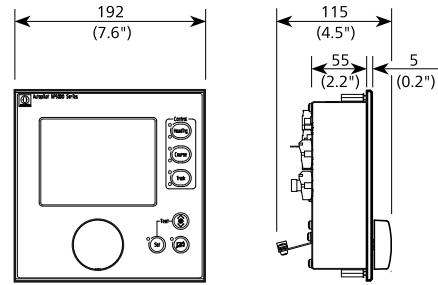
Type of enclosure acc. to IEC/EN 60529

- Autopilot operator unit: IP23 / IP56 (front side)
- Autopilot interface: IP 12

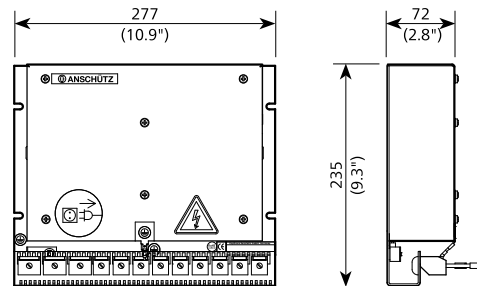
Temperature range

- Operation: -25°C to + 55°C (autopilot operator unit)
-15°C to + 55°C (autopilot interface)
- Storage: -40°C to + 70°C

NP 5000 operator unit 1.5 kg



Autopilot interface AS 3 kg



Feedback unit 4 kg

