VDX05SA

Fog-detector / visibility meter

The fog-detector (visibility meter) provides automatic activation of the foghorns and lights at preset meteorological conditions and can be used in conjunction with the Navaid Central Control Panel (NCCP).

KEY FEATURES

- Reliable visibility meter / fog detector
- Low cost of ownership
- Continuous visibility metering to trigger foghorns and/or lights
- Designed to meet the harsh offshore environment (salt, water etc)
- Robust 316 stainless steel, light weight design, suitable for pole mounting which can be supplied as an option
- Easy to install with spacious, easy to open junction box for quick opening and cable connection (opening by just 4 stainless steel retaining bolts)
- Low power consumption

PERFORMANCE CHARACTERISTICS

- Back scatter operating principle
- Laser LED long life light source, class 3R
- Range: 20 to 10,000 m
- Measurement time interval 60 s
- Software controlled anti-dew window heater

ELECTRICAL CHARACTERISTICS

- Operating voltage: see table
- Power supply connection details: max. 4 mm²; two M25x1.5 cable gland entries
- Earth connection: internal M5 and external M6
- Over-voltage protection provided

PHYSICAL CHARACTERISTICS

- Dimensions (L x W x H): 475 x 150 x 314 mm
- Weight: 20 kg
- Degree of protection: IP66
- Operating temperature range: -20°C to +45°C
- Designed for pole mounting outer diameter Ø 52 mm / 2 inches

SYSTEM DESIGN, CONTROL AND MONITORING

- Prepared for Orga's future comprehensive remote integrity monitoring system
- Self monitoring of basic functions as a standard

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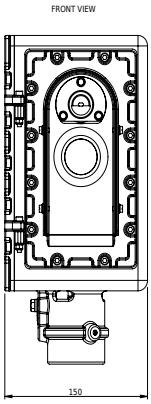
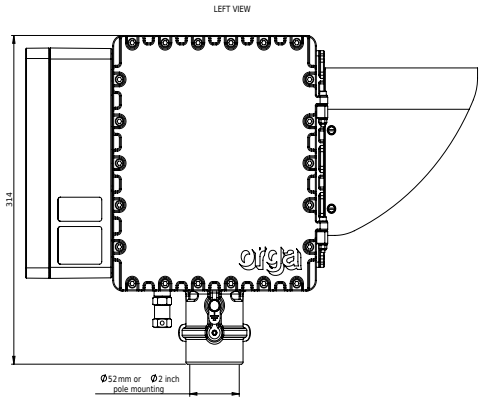
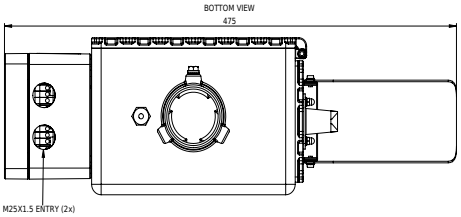
Type	Supply voltage	Power consumption AC	Power consumption DC	Power consumption heater	Interfacing
VDX05SA-NON	100-240 Vac; 50/60 Hz or 10-32 Vdc	4 W / 8 VA	2.5 W	2.5 W (5 VA)	Digital OrTalk communication bus for the Digital NCCP system Analogue visibility output 4-20mA
VDX05SA-N-DC	10-32 Vdc	NA	2.5 W	2.5 W	Digital OrTalk communication bus for the Digital NCCP system







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