SFD 7100 EX

Fog Detector

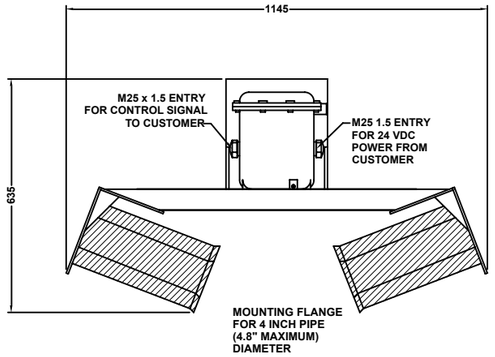
SFD 7100EX is a fog detector designed for offshore marine applications. It operates on the principle that the led transmitter projects light toward the receiver. The amount of light received is calculated to a resulting signal strength. This is converted to a visible range.

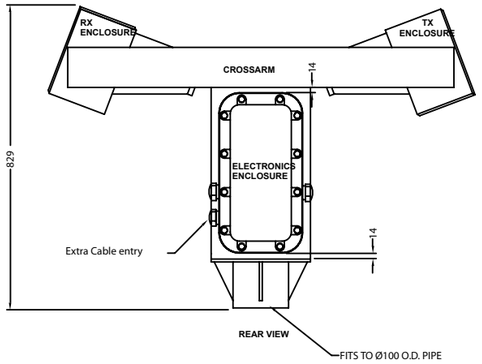
- **Range of visibility detection between 30 m to 16 km**
- **ATEX category Zone 1**
- **Extremely robust design**
- **Low power consumption, suitable for solar and battery operation**
- **Used on fixed offshore structures, oil/gas platforms, offshore wind farms, FSO and FPSO tankers**
- **Can be installed together with Sabik Fog signals**
- **Calibration Kit in a carry case on request**

Pole mounting
Mounting on a 122mm pole

Scattering angle
42 degree scattering angle ensures accurate measurement

Robust design
UV resistant GRP and anodised aluminium enclosures used





Main Technical Specification

Supply Voltage	9 - 18 V DC
Power consumption	8 W when powered up
Degree of protection	IP 65
Weight	35 kg
Temperature range	-40°...+60°C
EX Zone	Zone 1
Certification	Ex II 2GD Eex d IIBT5/T6
Certificate	CESI ATEX 036 & CESI ATEX 027