

# RADAR REFLECTOR

**NRR-100**

NRR-100 radar reflector is mounted on life raft to enhance reflection from radar radiation. Made from a high density polymer, the outer inflated balloon contains a radar reflective metallic mesh assembly. NRR-100 conforms to the latest international standards, such as IMO MSC.164 (78) and ISO 8729-1:2010.



## ◆ HOW TO USE

- Inflate with your mouth or by a pump.
- Tie on the top of the life raft with the cord attached (see left).
- Keep away from transmitting SART or AIS-SART, when applicable.
- Mount at any orientation.
- Tie the ball as high as possible to avoid any possible shadow sectors.

## ◆ SPECIFICATIONS

- Diameter (inflated): 460 mm
- Weight: 200 g
- SPL (RCS):  $\geq 7.5\text{m}^2$  (X band)
- Max Storage Time: 5 years
- Operating Temperature:  $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
- IP Grade: IP66

Type approval with CCS



# COMPASS FLUXGATE

**NFG100**

NFG100 Compass Fluxgate sensors the onboard magnetic compass to transmit the heading signal in NMEA sentences. The heading signal can be used for ECDIS, AIS and Radar.



- Power Supply: DC 24 V
- Error:  $\leq 1^{\circ}$
- Interface: RS485/RS422
- Data: 4800bps, NMEA 0183 \$HDT, \$HDM
- Size:  $\Phi 53 \times 22$  (D) mm
- Weight: 0.4 kg (including cable)
- Operating Temperature:  $-25^{\circ}\text{C} \sim +55^{\circ}\text{C}$
- IP Grade: IP22