



TRON SART

GMDSS 9GHz Radar Transponder

your safety – our concern



TRON SART GMDSS 9 GHZ RADAR TRANSPONDER

For use in lifeboats and life rafts. Easy mounting on vessel bulkheads. Tron SART (search and rescue radar transponder) is designed for use in search and rescue operations. Tron SART gives the exact location of the distressed indicated on the radar X-band display of any nearby ship, SAR vessels and aircrafts.

Complies with IMO/SOLAS/GMDSS regulations. MED approved.

Mandatory carriage equipment, to all ships of 300 gross tonnage and upwards, acc. to SOLAS III/6.2.2. and IV/7.1.3.

Comply to performance standard resolution A.802 (19)

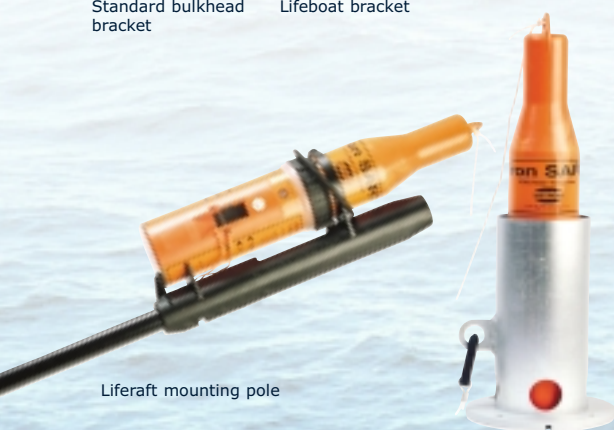
BRACKET OPTIONS



Standard bulkhead bracket



Lifeboat bracket



Liferaft mounting pole



Outside mounted lifeboat bracket

Tron SART SPECIFICATIONS:

GENERAL:

Dimensions Tron SART:

Max diameter: 85 mm

Length: 370 mm

Weight: 1050 g

Materials transponder housing:

Polycarbonate with 10% glass

ELECTRICAL SPECIFICATIONS:

Frequency:

X-band (3 cm) (9.2 - 9.5 GHz)

Temperature range:

Operating: -20 to +55°C

Storage: -30 to +65°C

Radiated power:

> 400 mW e.i.r.p (+26 dBm)

Sweep type:

12 sweep sawtooth type

Forward 7.5 us ±1 ms

Return 0.4 us ±0.1 ms starts with return sweep

Receive sensitivity:

Better than -50 dBm e.r.s

Response delay:

Max 0.5 ms

Antenna pattern:

Horizontal polarisation

Omnidirectional radiation in the horizontal plane

Greater than ±12.5 degrees elevation

angle in the vertical plane

Battery capacity:

96 hours standby +8 hours continuous operating when activated by a radar with 1 kHz prf at -20°C. 4 years storage

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AGENT / DISTRIBUTOR:

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