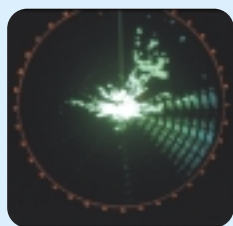


Tron SART



GMDSS 9 GHz Radar Transponder

- Tron SART 9 GHz is designed for use in search and rescue operations.
- Tron SART gives the exact location indicated on ship, SAR aircraft and helicopter radar displays.
- Tron SART meets IEC - ETSI - DTI standards.
- Tron SART fulfills the mandatory requirements for the location function within the global maritime distress and safety system, (GMDSS).

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Tron SART

9 GHz Radar Transponder for use in lifeboats, liferafts and on vessel bulkheads.

Ref. IMO SOLAS Chapter III Regulation 6.2.2, "LIFESAVING APPLIANCES AND ARRANGEMENTS" and Chapter IV Regulation 7.1.3, "RADIO COMMUNICATIONS".

SPECIFICATION:

Frequency: X-band (9200-9500 MHz)
Op. temperature: - 20°C - + 50°C
Storage temperature: - 30°C - + 60°C.
Battery capacity: min. 96 hrs. standby + 8 hrs. continuous operation when radar is interrogating with a PRF of 1 KHz.

Antenna:

Polarisation: Horizontal
Horizontal directionality: Omnidirectional
Vertical directionality: ± 12,5 gr: < - 2dB

Receiver:

Eff. sensitivity (e.r.s.): Better than - 50 dBm.
Recovery time: Less than 10 mS.

Transmitter:

Response delay: Less than 0,5 µS.
Sweep form/type: Sawtooth
Forward: 7,5 µS ± 1 µS
Return: 0,4 µS ± 0,1 µS
Start with return sweep.
Power output: Min. 400 mW e.i.r.p. (+ 26 dBm).

Dimensions:

Total length: 370 mm
Total diam.: 85 mm
Weight: 1,05 kg

Dimensions with optimal rod kit:

Min. length: ca 400 mm
Max. length: ca 1170 mm
Weight: ca 1,38 kg

Jotron Electronics as - reserve the right to modify without notice characteristics and data supplied in this brochure.



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