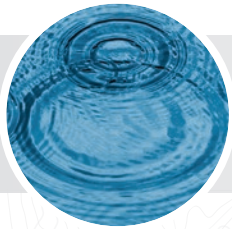




**EXTREME ENVIRONMENTS
EXTREMELY RELIABLE**



RADAR STAGE SENSOR



Best in Class Accuracy

The FTS Radar Stage Sensor delivers fully digital best in class accuracy of $\pm 2\text{mm}$ (0.007ft) through its complete standard measurement range. With its unique ability to set running average through an SDI-12 command, the Radar really customizes to your environment. Reliably designed, IP66 rated with a rugged aluminum housing, the Radar seamlessly connects with your existing DCP through SDI-12 and optional 4-20mA.



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ACCURACY	
Standard Range [0.5m to 35m (1.64ft to 114.83ft)]	+/- 2mm (0.007ft)
MEASUREMENT	
Maximum	Up to 35m (114.83ft)
Blanking distance / Near zone	0.5m (1.7ft) - Best in Class
BEAM FREQUENCY	
Frequency Band	K-Band (26GHz)
COMMUNICATION	
Output	SDI-12 (OPTIONAL 4-20mA)
POWER	
Supply Current @ 12VDC	<8mA in high power; <2mA in low power mode
Voltage Requirements	10.6 to 16VDC
TEMPERATURE	
Operating	-40...+60C
Storage	-40...+80C
PHYSICAL	
Housing Size	W: 70mm (2.76in) x D: 130mm (5.12in) x H: 120mm (4.72in)
Horn Size	W: 115mm (4.53in) x H: 113mm (4.45in)
Weight	1.75kg (3.85lbs)
Material	Housing Material: Aluminum Antenna Horn Material: PBT Plastic
Protection Rating	IP66/67



BEAM WIDTH AT 10°	
Distance	Width
3m (9.84ft)	0.52m (1.71ft)
6m (19.69ft)	1.05m (3.44ft)
9m (29.53ft)	1.57m (5.15ft)
12m (39.37ft)	2.1m (6.89ft)
15m (49.21ft)	2.62m (8.6ft)
20m (65.62ft)	3.50m (11.48ft)
25m (82.02ft)	4.37m (14.34ft)
30m (98.43ft)	5.25m (17.22ft)
35m (114.83ft)	6.12m (20.08ft)

WHAT'S INCLUDED:

- Radar Stage Sensor
- Mounting Bracket
- 1.8m (6ft) SDI-12 Output Cable
- Bubble Level

OPTIONS:

4-20mA Output • Military Connector • OEM Display Module



CANADA 1065 Henry Eng Place | Victoria, BC | V9B 6B2
USA 1124 Fir Avenue, Suite C | Blaine, WA | 98230
ftsinc.com | 1.800.548.4264

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