

SensuReal™ 6-axis Force and Torque Sensors

A Product of MAE Robotics™ | Designed and Made in Canada



	SR-FTS-70	SR-FTS-90	SR-FTS-C
Dimensions ¹	Ø68mm x 28mm	Ø88mm x 27mm	Customizable
Weight ²	225g	450g	Customizable
Force and Torque Range	Fx/Fy: ± 200 - 350 N Fz: ± 150 - 350 N Tx/Ty/Tz: ± 4 - 7 Nm	Fx/Fy: ± 300 - 700 N Fz: ± 300 - 700 N Tx/Ty/Tz: ± 8 - 15 Nm	Available upon request
Noise-free Resolution	Fx/Fy: 0.115 N Fz: 0.115 N Tx/Ty/Tz: 0.002 Nm	Fx/Fy: 0.198 N Fz: 0.264 N Tx/Ty/Tz: 0.005 Nm	Available upon request
Signal Noise ³	0.033% of full-scale		
Safety	>300% Overload Protection Sealed Construction		
Data Output	Upto 5000Hz Force-Torque Data Streaming UDP Communication (RS485 available upon request)		
Mounting	Standard ISO 9409-1-A4 Mounting Plate Optional custom mounting available upon request		
Mechanical	Steel and Aluminium options available, Includes external interfacing module		

1. Excludes height of optional mounting plate (4.5mm)

2. Actual weight may vary depending on your choice of material (aluminium/stainless steel). Weight for aluminium variant listed.

3. Noise is measured as 1 standard deviation peak-peak over full-scale of measurement for 1 second of no-load sensor data.