

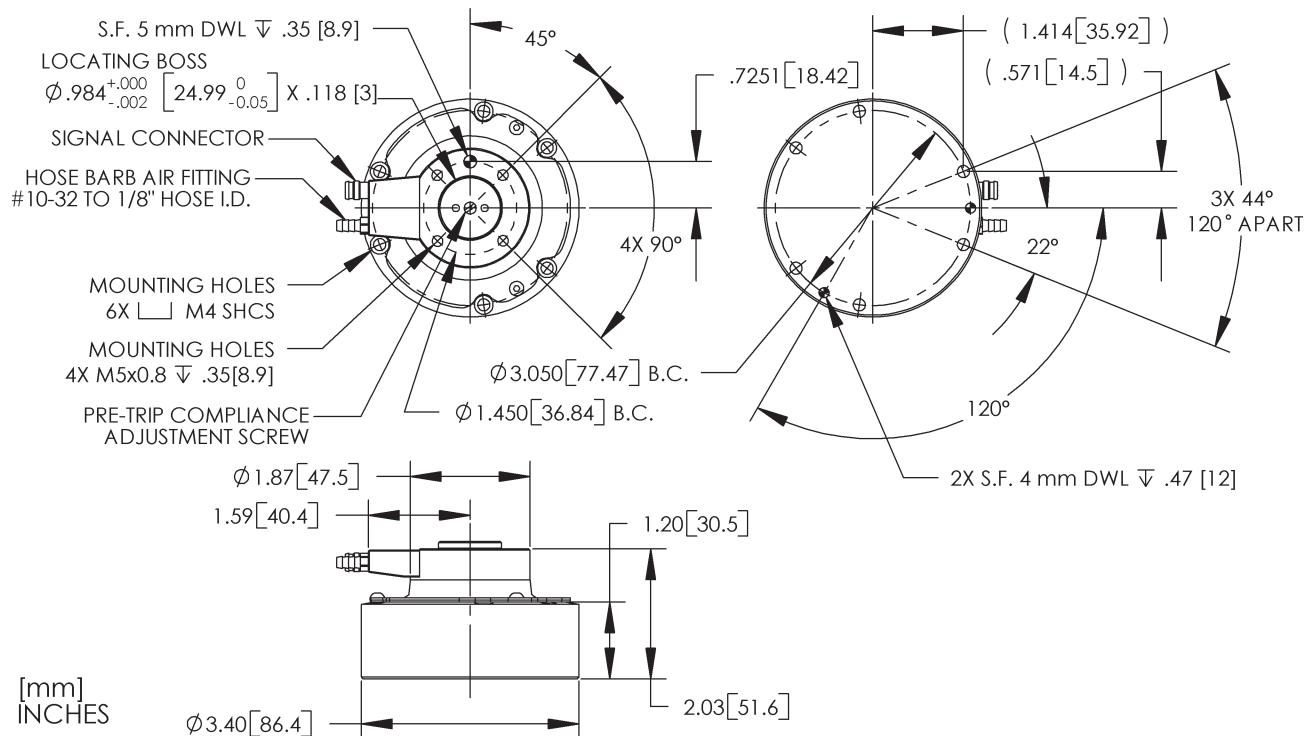
MODEL U-4619-SSB

Stainless Ultimatic™ Collision Sensor

Moment Resistance† Variable from 10 to 90 psi (0.68 to 6.2 bar)	29 - 274 in-lb 3 - 31 Nm	Repeatability (about z axis) Measured at center and O.D. of tool plate	±0.017 deg
Torque Resistance† Variable from 10 to 90 psi (0.68 to 6.2 bar)	56 - 362 in-lb 6 - 41 Nm	Mass	2.27 lbs 1.03 kg
Force Resistance† Variable from 10 to 90 psi (0.68 to 6.2 bar)	25 - 229 lbf 111 - 1,019 N	Height	2.03 in 51.6 mm
Angular Compliance	±8 deg ±0.14 rad	Diameter	3.40 in 86.4 mm
Rotational Compliance	±24 deg ±0.42 rad	Adjustable Pre-Trip Compliance Switch Sensitivity	0 to 0.100 in 0 to 2.54 mm
Axial Compliance Compression	0.31 in 7.9 mm	Temperature Rating	-30° to 180°F -34° to 82°C
Repeatability (x, y & z) Measured at center and O.D. of tool plate	±0.0005 in ±0.0127 mm	Sensor	10 - 30 VDC 200mA normally closed switch
		Response Time	2 - 6 ms

†Resistance at the factory setting of 0.025" (0.64 mm) compliance. Resistance increases slightly as the pre-trip compliance is increased.

NOTE: The U-4619-SSB must be electrically isolated from the robot when the tooling below it has a voltage potential.



For More Information:

- Call us at 937.667.5705
- E-mail us at info@rad-ra.com
- Visit www.rad-ra.com for the most up-to-date product information, 2D and 3D CAD files, and more!