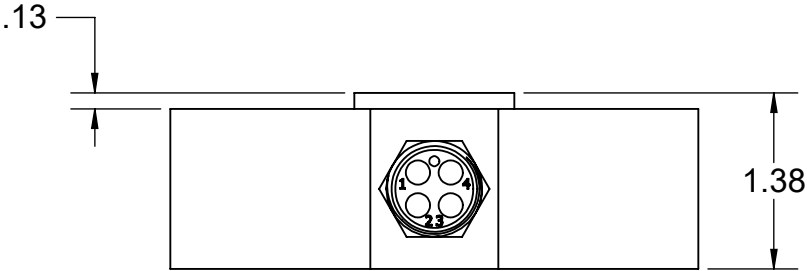
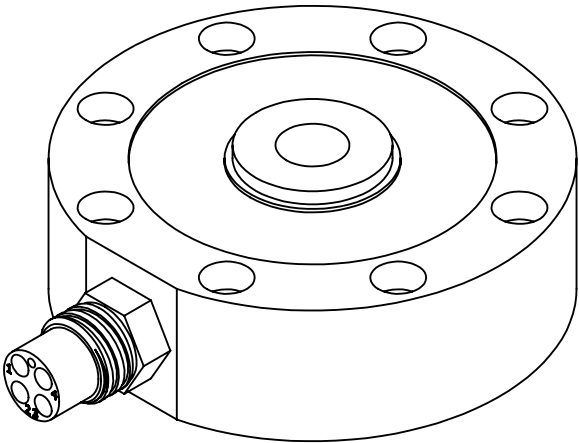
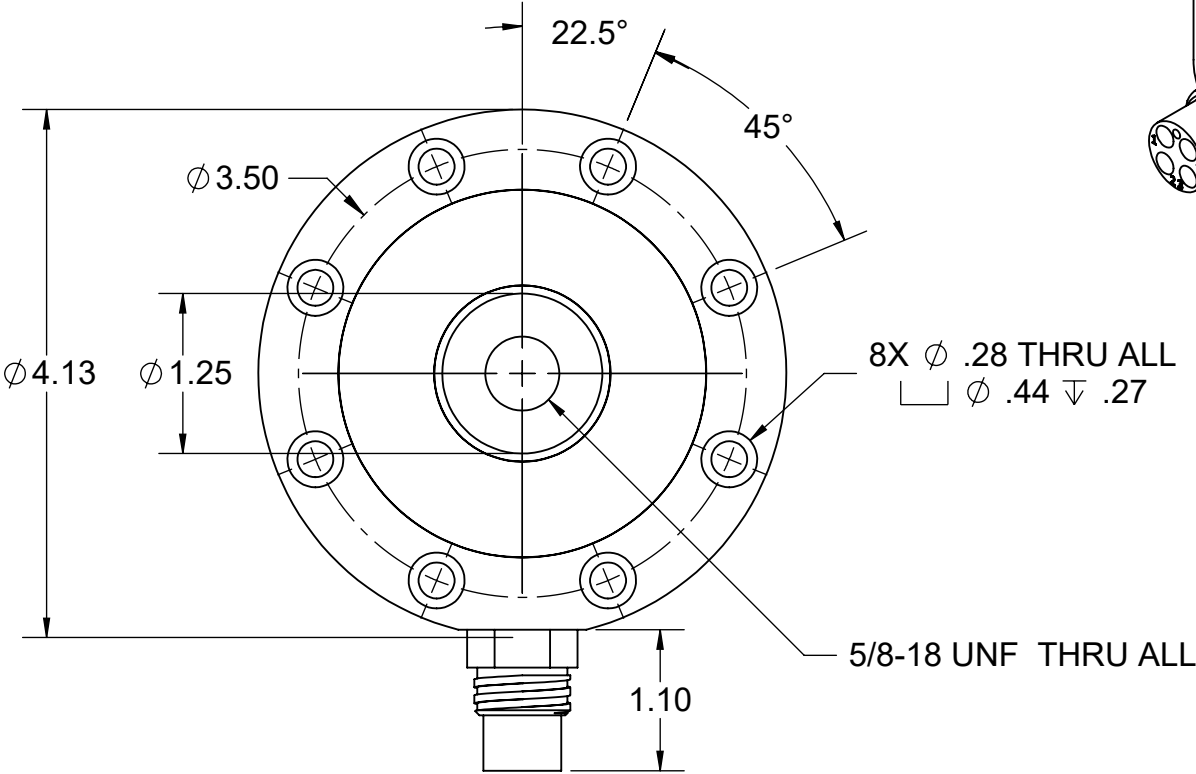


PRODUCT SPECIFICATIONS

Sensor Type	Submersible Low Profile Pancake Load Cell
Sensor Part Number	3502FLP-1K
Full Scale Capacity (FS)	1,000 lbf
Full Scale Output	1.0 mV/V Nominal
Combined Error	≤ 0.250 % of FS
Zero Balance	≤ 1.000 % of FS
Input/Output Resistance	350 to 1,000 Ω Nominal
Excitation Voltage	2 to 24 V Max
Insulation Resistance	> 5 GΩ
Electrical Connection	MCBH-4F Bulkhead Wet Mate Connector
Mating Cable	MCIL4M Connector with 4 Conductor Cable, 40' Long
Sensor Material	17-4 Stainless Steel
Operating Depth	< 500 ft (222 psi) Submerged
Safe Overload	150% of FS
Ultimate Overload	300% of FS
Calibration	NIST Traceable per ASTM E4, Certificate Provided
RoHS Compliant	Yes



CUSTOM GEOMETRIES, CAPACITIES, DEPTHS & CONNECTORS AVAILABLE UPON REQUEST

CONTACT FACTORY FOR ANALOG OR DIGITAL SIGNAL CONDITIONING OPTIONS

CONFIRM CRITICAL DIMENSIONS WITH FACTORY PRIOR TO PLACING AN ORDER

UNLESS OTHERWISE STATED:
THIRD ANGLE PROJECTION
TOLERANCES:
ANGULAR ±0.5 DEG
0.X ±0.1 INCHES
0.XX ±0.03 INCHES
0.XXX ±0.005 INCHES

SUBMERSIBLE LOW PROFILE
LOAD CELL, 1,000 LBF,
PRODUCT DRAWING

SENSING SYSTEMS CORPORATION 7 COMMERCE WAY, DARTMOUTH, MA 02747 USA	3502FLP-1K	-
	SHEET 1 OF 1	REV