

FUTEK MODEL TAT510

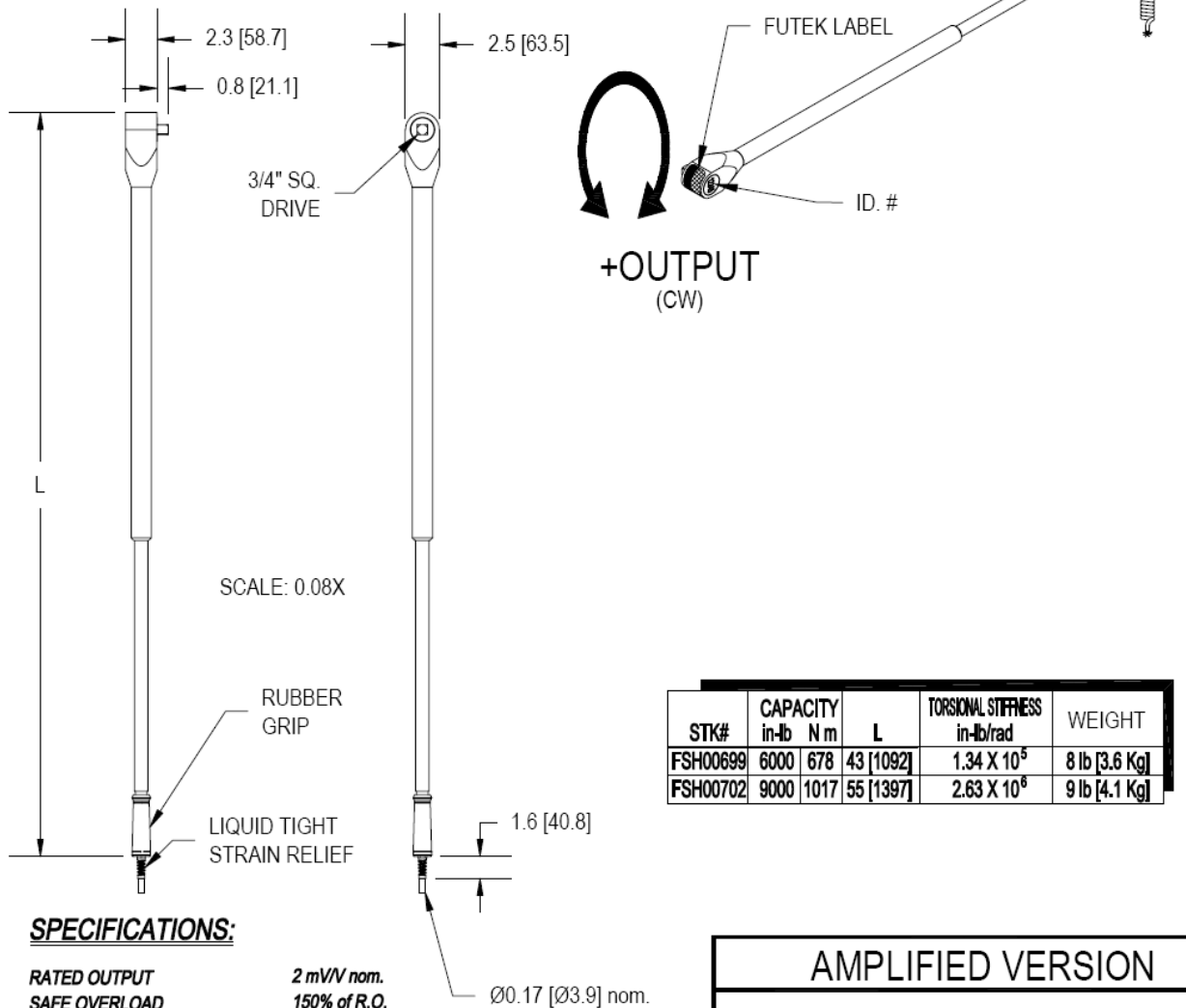
Drawing Number: FI1150

INCH [mm] | R.O.= Rated Output

WIRING CODE (WC4)

| | | | |
|-------------|-------------|----------|---------|
| +Excitation | -Excitation | +Signal | -Signal |
| RED | BLACK | GREEN | WHITE |
| +Sense | -Sense | Shield | |
| ORANGE | BLUE | Grounded | |

TORQUE WRENCH
(Previously T6000)

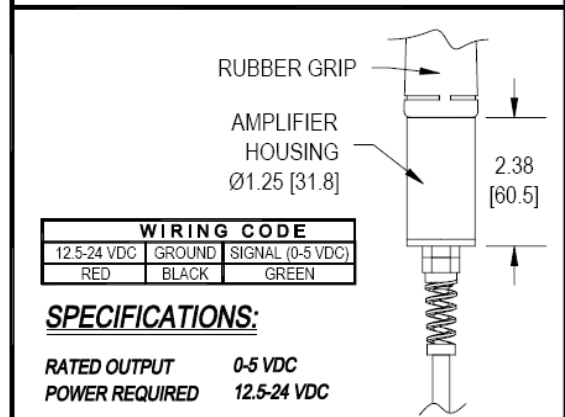


| STK# | CAPACITY in-lb N m | L | TORSIONAL STIFFNESS in-lb/rad | WEIGHT |
|----------|-----------------------|-----------|----------------------------------|---------------|
| FSH00699 | 6000 678 | 43 [1092] | 1.34 X 10 ⁵ | 8 lb [3.6 Kg] |
| FSH00702 | 9000 1017 | 55 [1397] | 2.63 X 10 ⁶ | 9 lb [4.1 Kg] |

SPECIFICATIONS:

| | |
|---|---------------------------------------|
| RATED OUTPUT | 2 mV/V nom. |
| SAFE OVERLOAD | 150% of R.O. |
| ZERO BALANCE | ±2% of R.O. |
| EXCITATION (VDC OR VAC) | 18 MAX |
| BRIDGE RESISTANCE | 350 Ω nom. |
| NONLINEARITY | ±0.25% of R.O. |
| HYSTERESIS | ±0.25% of R.O. |
| NONREPEATABILITY | ±0.1% of R.O. |
| TEMP. SHIFT ZERO | ±0.01% of R.O./°F [0.018% of R.O./°C] |
| TEMP. SHIFT SPAN | ±0.02% of LOAD/°F [0.036% of LOAD/°C] |
| COMPENSATED TEMP. | 60 to 160°F [15 to 72°C] |
| OPERATING TEMP. | -40 to 180°F [-40 to 82°C] |
| MATERIAL (FLEXURE) | 17-4PH S.S. |
| MATERIAL (HOUSING) | ALUMINUM |
| CABLE: #28 AWG, 6 Conductor, Retractable PVC Cable 10 ft [3 m] Long Extended | |
| ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE | |
| CALIBRATION (STD) | 5 pt. CW; 60.4KΩ SHUNT CAL. VALUE |
| CALIBRATION TEST EXCITATION | 10 VDC |

AMPLIFIED VERSION



| WIRING CODE | | |
|-------------|--------|------------------|
| 12.5-24 VDC | GROUND | SIGNAL (0-5 VDC) |
| RED | BLACK | GREEN |

SPECIFICATIONS:

| | |
|-----------------------|-------------|
| RATED OUTPUT | 0-5 VDC |
| POWER REQUIRED | 12.5-24 VDC |