

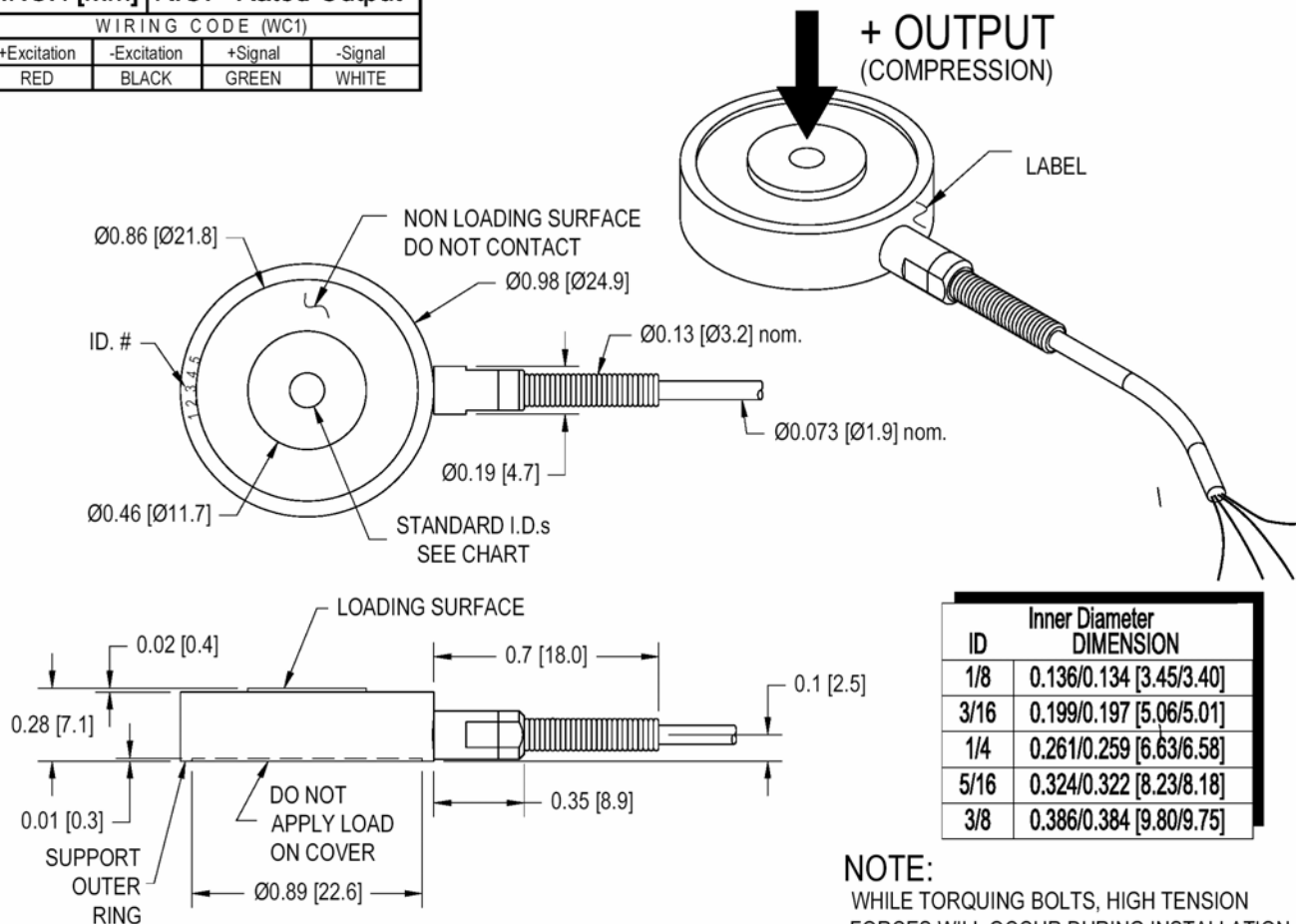
Drawing Number: FI1006

INCH [mm] R.O.= Rated Output

WIRING CODE (WC1)

+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE

DONUT/THRU HOLE LOAD CELL AVAILABLE WITH I.D.'S FROM 1/8 TO 3/8



SPECIFICATIONS:

RATED OUTPUT

CAPACITY lb

N

SAFE OVERLOAD

ZERO BALANCE

EXCITATION (VDC OR VAC)

BRIDGE RESISTANCE

NONLINEARITY

HYSTERESIS

NONREPEATABILITY

TEMP. SHIFT ZERO

TEMP. SHIFT SPAN

COMPENSATED TEMP.

OPERATING TEMP.

WEIGHT

MATERIAL

DEFLECTION

CABLE: #29 AWG, 4 Conductor, Spiral Shielded Teflon Cable 10 ft [3 m] Long

ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE

CALIBRATION (STD)

CALIBRATION TEST EXCITATION

2 mV/V nom.

50, 100, 250, 500, 1000

222, 445, 1112, 2224, 4448

150% of R.O.

±1% of R.O.

18 MAX

700 Ω nom.

±0.5% of R.O.

±0.5% of R.O.

±0.5% of R.O.

±0.005% of R.O./°F [0.01% of R.O./°C]

±0.005% of LOAD/°F [0.01% of LOAD/°C]

60 to 160°F [15 to 72°C]

-60 to 200°F [-50 to 93°C]

2 oz [57 g]

17-4PH S.S.

0.002 [0.05] nom.

CABLE: #29 AWG, 4 Conductor, Spiral Shielded Teflon Cable 10 ft [3 m] Long

ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE

5 pt. COMPRESSION; 100KΩ SHUNT CAL. VALUE

10 VDC

NOTE:

WHILE TORQUING BOLTS, HIGH TENSION FORCES WILL OCCUR DURING INSTALLATION, WHICH COULD RESULT IN OVERLOADING THE SENSOR. SENSEL RECOMMENDS CONNECTING SENSOR TO A SYSTEM IN ORDER TO MONITOR THE APPLIED FORCES. SENSEL IS NOT LIABLE OR RESPONSIBLE FOR THE MISHANDLING OF THE SENSOR DURING INSTALLATION.