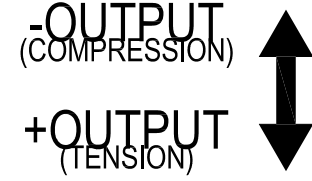
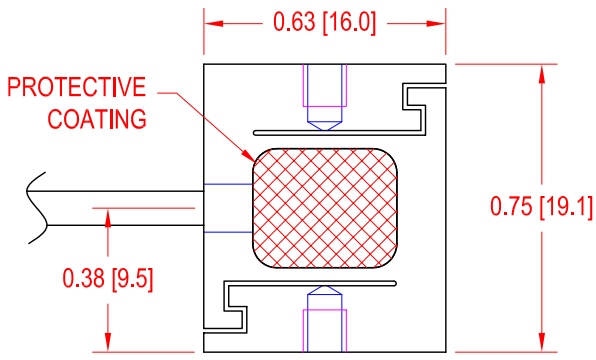
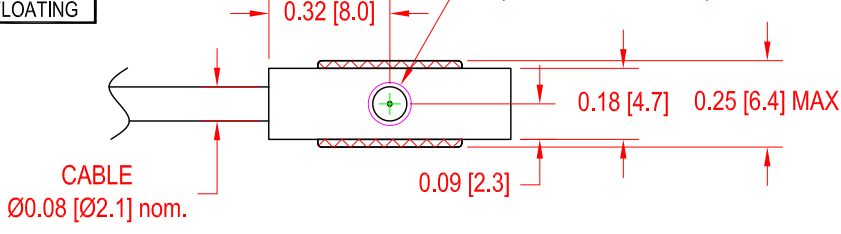


# FUTEK MODEL LSB210 SUBMERSIBLE S-BEAM JUNIOR LOAD CELL

Drawing Number: FI1318			
INCH [mm]		R.O.= Rated Output	
WIRING CODE			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
Shield			
FLOATING			

2 X #4-40-2B X  
0.110 [2.8] DEEP  
(M3X0.5 AVAILABLE)



STOCK NO:	CAPACITIES		RATED OUTPUT	NON-LINEARITY	HYSTERESIS	ZERO RETURN	CREEP 10 mins.	MATERIAL		
	lb	N								
QSH00618	100g	1	1 mV/V nom.	3%R.O.	5%R.O.	3%R.O.	12%R.O.	RED ANODIZED ALUMINUM		
QSH00539	250g	2.5	2 mV/V nom.	2%R.O.	3%R.O.	2%R.O.	5%R.O.			
QSH00190	1	4.5	1.5 mV/V nom.	1%R.O.	1.5%R.O.		1%R.O.		3%R.O.	
QSH00497	2	8.9	2 mV/V nom.			2%R.O.			2%R.O.	2%R.O.
QSH00540	5	22.2								
QSH00707	10	44.5								
QSH00706	25	111						17-4PH S.S.		
QSH00256	50	222								
QSH00213	100	445								

\* SENSOR STRUCTURE CAN HANDLE HIGH OVERLOADS BUT THREADS MAY LIMIT OVERLOAD AT HIGHER CAPACITY.

## SPECIFICATIONS:

- SAFE OVERLOAD\* 1000%R.O.,  
200%R.O. Tension Only (50 & 100lb)
- ZERO BALANCE ±3% of R.O.
- EXCITATION 10 VDC MAX
- BRIDGE RESISTANCE 350 Ω nom.
- TEMP. SHIFT ZERO ±0.02% of R.O./°F [0.04% of R.O./°C]
- TEMP. SHIFT SPAN ±0.04% of LOAD/°F [0.08% of LOAD/°C]
- COMPENSATED TEMP. 60 to 160°F [15 to 72°C]
- OPERATING TEMP. 0 to 160°F [-17 to 72°C]
- WEIGHT 0.3 oz [9 g] (100g to 10 lb), 0.9 oz [26 g] (25 to 100 lb)
- CABLE: #29 AWG, 4 Conductor, Spiral Shielded Silicone Cable, 5 ft [1.5 m] Long