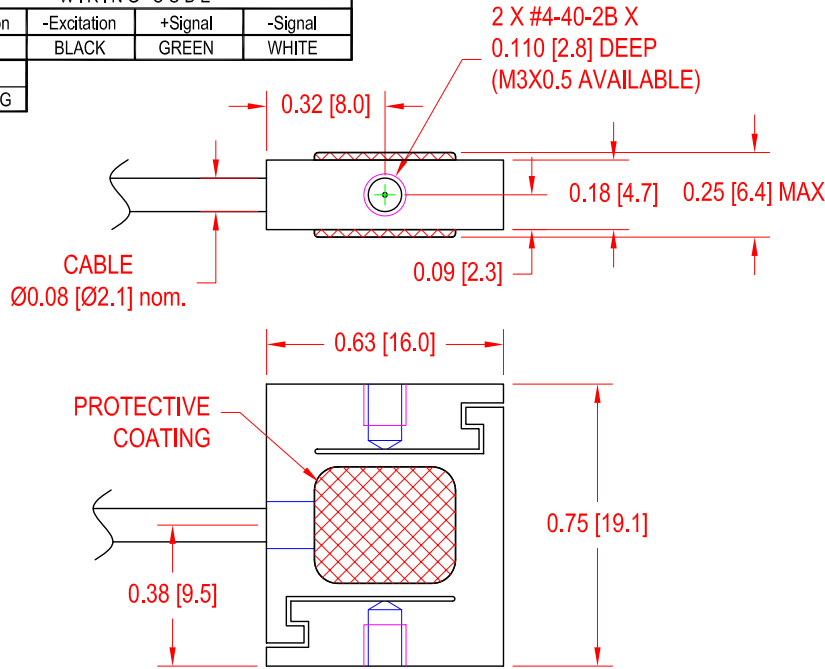


LSB210

SUBMERSIBLE S-BEAM JUNIOR LOAD CELL

Drawing Number: F11318			
INCH [mm]		R.O.= Rated Output	
WIRING CODE			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
Shield			
FLOATING			



-OUTPUT (COMPRESSION) ↔

+OUTPUT (TENSION)

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.	
QSH00497	2	8.9	2 mV/V nom.					
QSH00540	5	22.2						
QSH00707	10	44.5						
QSH00706	25	111						
QSH00256	50	222						17-4PH S.S.
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