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# FUTEK MODEL MTA250

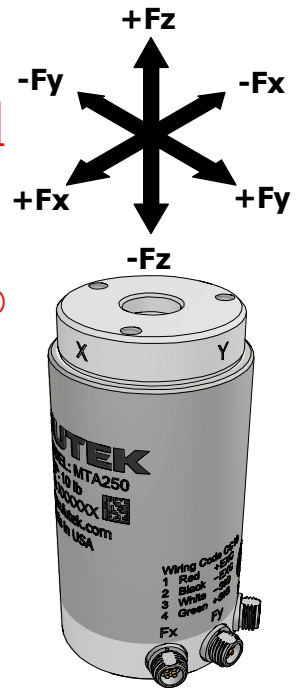
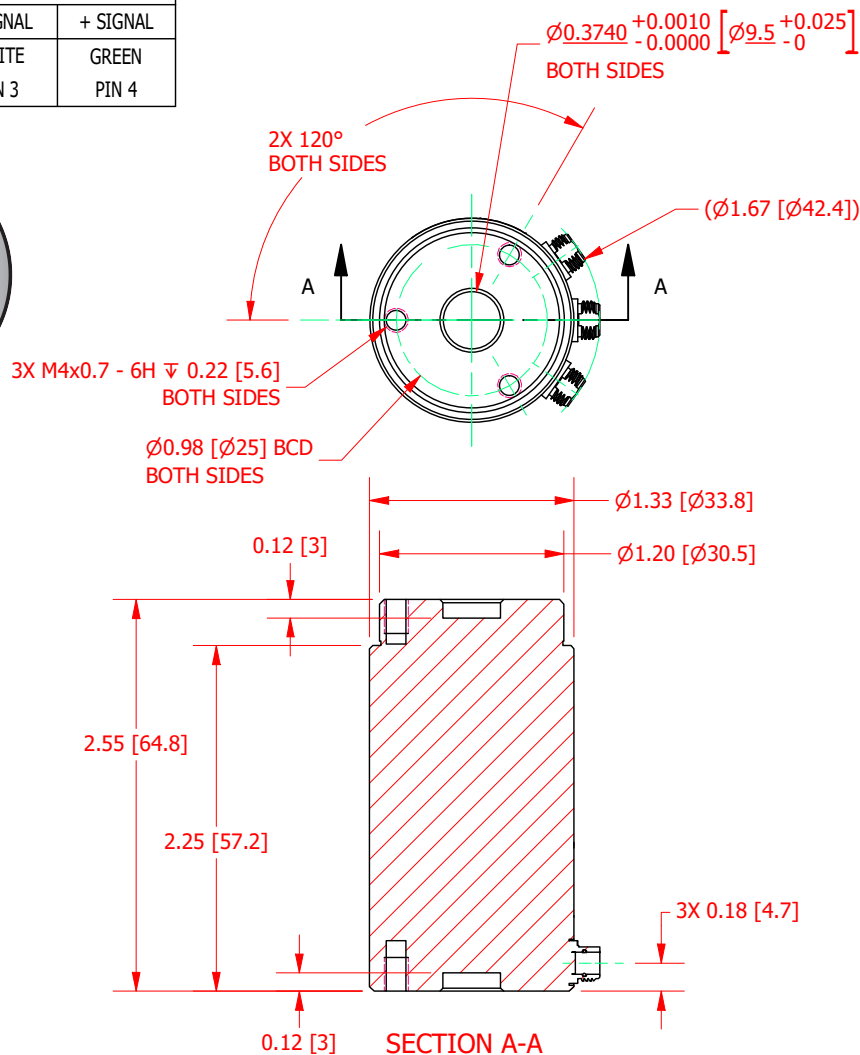
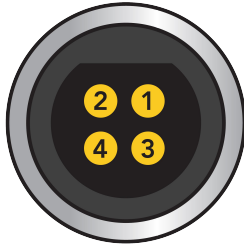
## Inline 3-Axis Load Cell, 4 Pin Micro Receptacle

ITEM NUMBER: FSH04850

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

### WIRING CODE: CC19

+ EXCITATION	- EXCITATION	- SIGNAL	+ SIGNAL
RED PIN 1	BLACK PIN 2	WHITE PIN 3	GREEN PIN 4



### SPECIFICATIONS:

RATED OUTPUT 2 mV/V nom.  
CAPACITY 10 lb. [44.4N]  
SAFE OVERLOAD 300 % of R.O.  
EXCITATION (VDC OR VAC) 15 MAX  
BRIDGE RESISTANCE Fx & Fy: 350  $\Omega$  nom.  
Fz: 1000  $\Omega$  nom.

NONLINEARITY  $\pm 0.15\%$  of R.O.  
HYSTERESIS  $\pm 0.15\%$  of R.O.  
NONREPEATABILITY  $\pm 0.15\%$  of R.O.  
TEMP. SHIFT ZERO  $\pm 0.01\%$  of R.O./°F ( $\pm 0.018$  of R.O./°C)  
TEMP. SHIFT SPAN  $\pm 0.01\%$  of LOAD/°F ( $\pm 0.018$  of LOAD/°C)  
COMPENSATED TEMP. 60 to 160 °F (16 to 71 °C)  
OPERATING TEMP -60 to 200 °F (-51 to 93 °C)

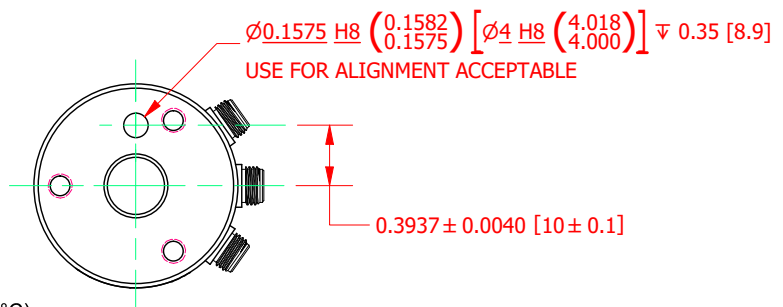
WEIGHT (approx) 0.26 lb [120 g]  
MATERIAL Sensor: 2024-T4 Cover: 17-4 PH  
DEFLECTION Fx & Fy: 0.012 [0.3] nom.  
Fz: 0.005 [0.13] nom.

NATURAL FREQ Fx & Fy: 550 Hz  
Fz: 950 Hz

IP Rating IP40

CONNECTOR: 4 Pin Micro Receptacle per Channel

RoHS Compliance to (EU) 2015/63



# FUTEK

Drawing Number: FI1572-0

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RoHS



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