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FUTEK MODEL MTA250

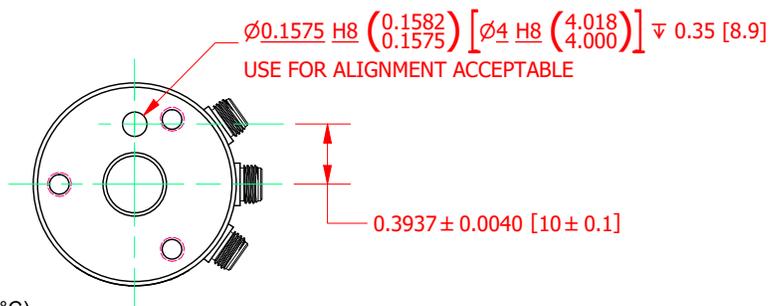
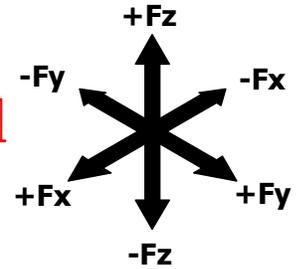
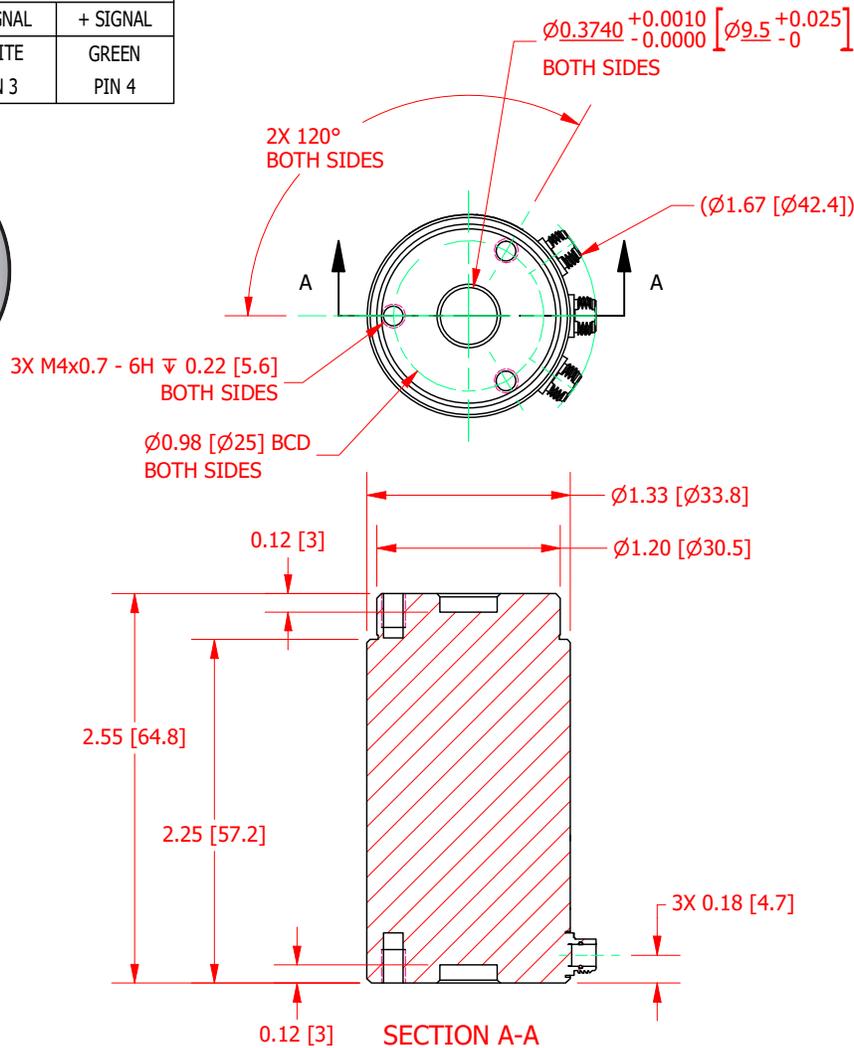
Inline 3-Axis Load Cell, 4 Pin Micro Receptacle

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 Ω nom. Fz: 1000 Ω 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 (± 0.018 of R.O./°C)
TEMP. SHIFT SPAN	$\pm 0.01\%$ of LOAD/°F (± 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	



RoHS



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Drawing Number: FI1572-0

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10 THOMAS
IRVINE, CA 92618 USA
Tel: (949) 465-0900