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FUTEK MODEL PFP350

PRESSURE SENSOR WITH LEMO CONNECTOR

(Previously P4020/P4021)

Drawing Number: FI1158-B	
INCH [mm]	R.O.= Rated Output

WIRING CODE (CC4)			
+Excitation	-Excitation	+Signal	-Signal
PIN 1	PIN 4	PIN 2	PIN 3

Cable Option

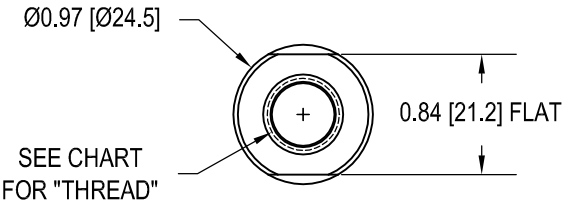
WIRING CODE (CC1)			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
+SENSE	-SENSE	Shield	
ORANGE	BLUE	FLOATING	

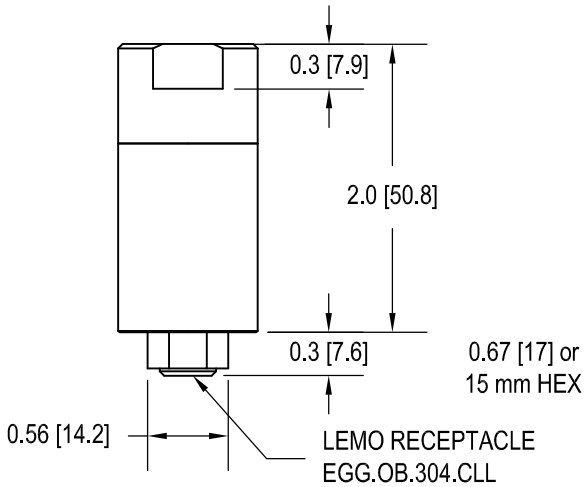


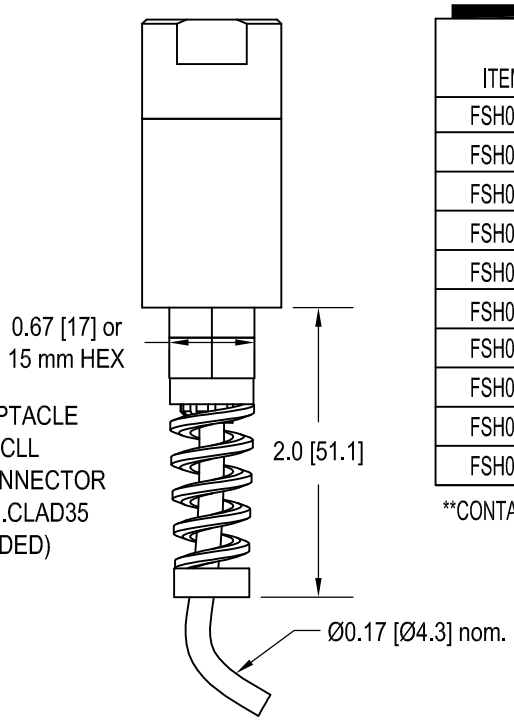
RED DOT

KEY









CAPACITIES			
ITEM#	PSI	BAR	THREAD
FSH00821	300	20.7	1/4-18 NPT
FSH03368			7/16-20
FSH00823	500	34.5	1/4-18 NPT
FSH03370			7/16-20
FSH00825	1000	69.0	1/4-18 NPT
FSH03372			7/16-20
FSH00827	3000	206.8	1/4-18 NPT
FSH00829	5000	344.7	
FSH00831	7500	517.1	
FSH00833	10000	689.5	

**CONTACT FACTORY FOR CABLE OPTION

SPECIFICATIONS:

RATED OUTPUT	*2 mV/V nom.*
SAFE OVERLOAD	*150% of R.O.*
ZERO BALANCE	*±1% of R.O.*
EXCITATION (VDC OR VAC)	*18 MAX*
BRIDGE RESISTANCE	*350 Ω nom.*
NONLINEARITY	*±0.5% of R.O.*
HYSTERESIS	*±0.5% of R.O.*
NONREPEATABILITY	*±0.1% of R.O.*
TEMP. SHIFT ZERO	*±0.02% of R.O./°F [0.036% of R.O./°C]*
TEMP. SHIFT SPAN	*±0.02% of LOAD/°F [0.036% of LOAD/°C]*
COMPENSATED TEMP.	*60 to 160°F [15 to 72°C]*
OPERATING TEMP.	*-60 to 250°F [-50 to 121°C]*
WEIGHT	*4.5 oz [128 g]*
MATERIAL	*17-4PH S.S.*

CONNECTOR: 4 Pin LEMO Receptacle (EGG.OB.304.CLL)

CABLE (AVAILABLE OPTION): #28 AWG, 6 Conductor, Spiral Shielded Polyurethane Cable 3 ft [1 m] Long

ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE

CALIBRATION (INCLUDED)	*2pt. (5pt. AVAILABLE) 60.4KΩ SHUNT CAL. VALUE.*
CALIBRATION TEST EXCITATION	*10 VDC*

FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

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