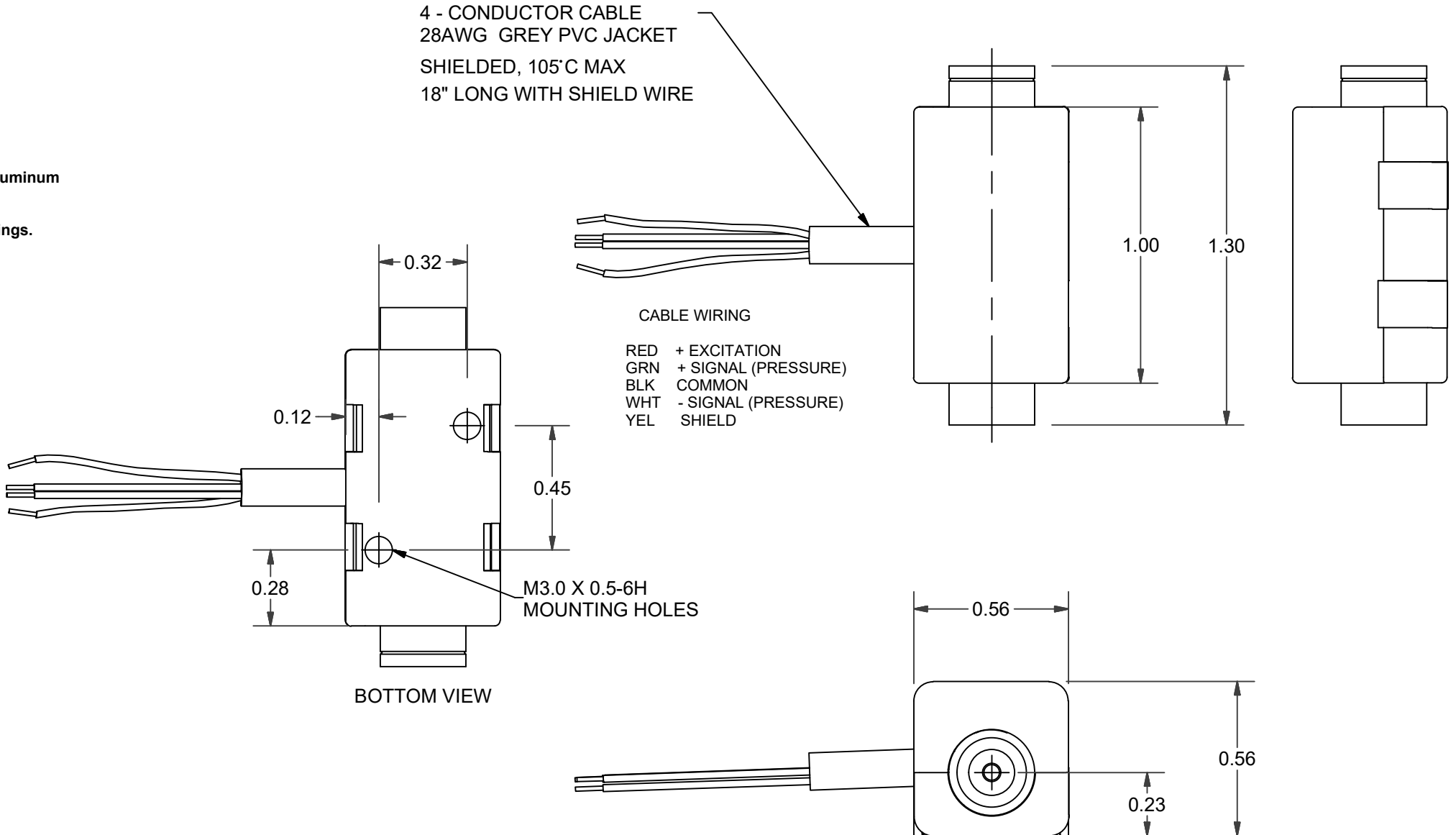


SPECIFICATIONS

ROHS Compliant
Shipping Weight: 0.08 lbs (35g) Max.
Sensor Type: One Piece thru-FLO™ Element
Material In Contact With Measurand: 316SST or Titanium 6Al4V
Housing Material: RoHS Compliant Electroless Nickel Plated Cast Zinc or Aluminum
Full Scale Pressure Ranges: 0 - 500 Psig to 0 - 30000 Psig
Max Pressure Range, No Damage: Twice Full Scale, Or 30000 Psi,
NOTE: Pressures above 20,000 psi require special high pressure fittings.
Internal Volume: 13 Microliters (1 Microliter option)
Max Installation Torque: 50 Inch Pounds
Zero Shift Due To Torquing: 2% Max. Of Full Scale At 40 Inchpounds
Specified Temperature: -0° To +60°C
Operating Temperature: -20° To + 85°C
Thermal Compensation On Span: Within .005% Of Span Per °F
Thermal Compensation On Zero Balance: Within .005% Of F.S. Per °F
Supply Voltage: 3.3 - 10.0 Vdc
Full Scale Differential Output Span: 2.640 ±0.025 Vdc at 3.3V
4.000 ± 0.040 Vdc at 5.0V
Differential Zero Balance At 25° C: 0.000 ± 0.010 Vdc
Common Mode Voltage: Approximately 50% of Supply V
Calibration Medium: Distilled Water And Isopropyl Alcohol
Linearity And Hysteresis Combined: Within 0.15% Of F.S.
Bandwidth: 1KHz
Noise: 700uVp-p (159Hz Bandwidth)
Low-Noise Option: 425uVp-p (159Hz Bandwidth)
Max Current Drain: 20 mA
Output Impedance: 50 Ohms Typ.
Shock: 500 g's All Axes
Isolation, Circuit to Case: > 1,000 MegOhms at 50 VDC



ORDERING INFORMATION XXXi-XX-XX-XXXX-XXX

INTERNAL VOLUME	WETTED MATERIAL	PRESSURE PORT DETAIL	F.S. PRESSURE (PSIG)	OPTIONS
DIF = 13uL LIV = 1.6UL	SS = 316 STAINLESS STEEL TI = 6Al4VTITANIUM	01 = STANDARD 10-32 (1.30 LONG) 03 = VIPER 10-32 (1.17 LONG)	500 1000 2,500 5000 6,000 10,000 (10 K) 15,000 (15 K) 20,000 (20 K) Other Ranges Available, up to 30,000 psi	STANDARD LOW NOISE

NOT ALL COMBINATIONS AVAILABLE. CONSULT FACTORY.

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DRAWN BY: Ip	DATE: 8/9/2017	MATERIAL:
CHECKED BY:	DATE:	FINISH:

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

TOLERANCES ON:
DECIMALS
2 PLACE: ± 0.01
3 PLACE: ± 0.005
FRACTIONS: ± 1/64
ANGLES: ± 0.25°

MODEL DIFI


INLINE FLO-THRU
PRESSURE SENSOR

SCALE

SHEET 1 OF 1

57747

SIZE	REV
B 55524	5



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