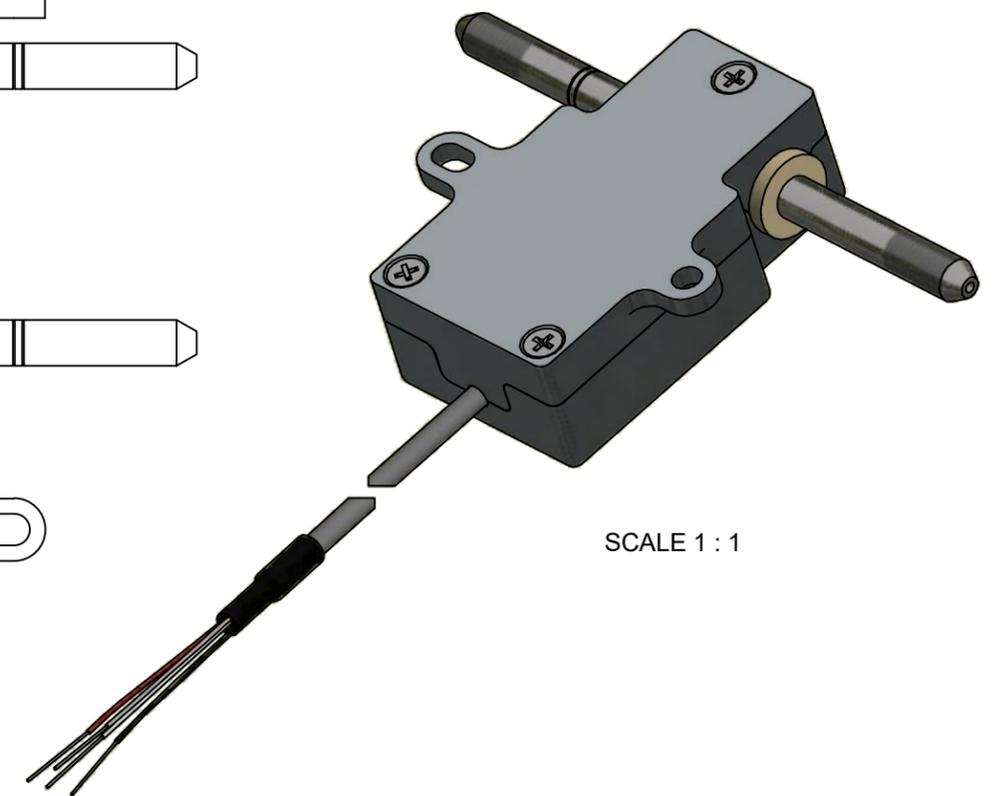
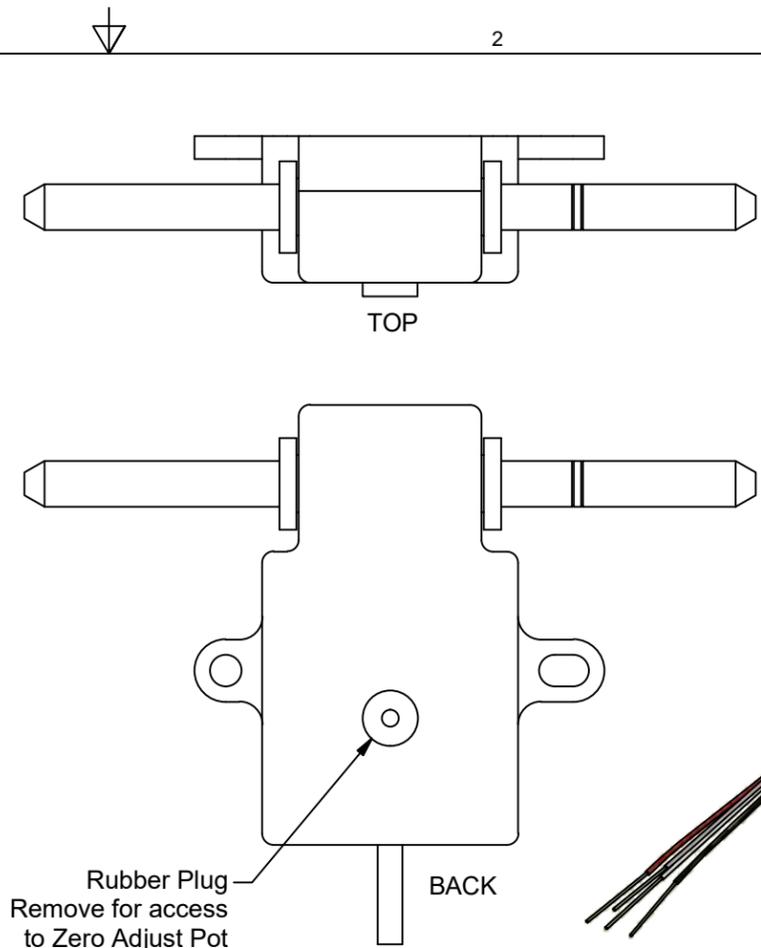
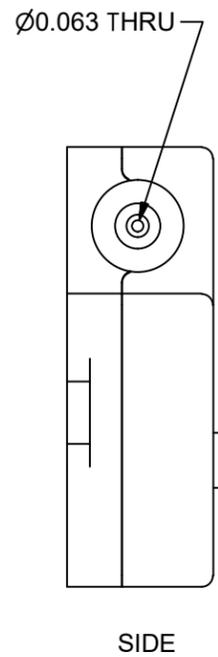


SPECIFICATIONS

Pressure Sensor Type: Sensing element machined from 316 SS coned and threaded stock. Ends per HM4.
 Housing Material: Nickel Plated Cast Zinc.
 Full Scale Pressure Range: See Table.
 Max Pressure No Damage: See Table.
 Storage Temperature: -40° to +80°C (Cable Limited).
 Operating Temperature: -40° to +60°C.
 Temperature Effect on Span: within .03% of reading per °C.
 Temperature Effect on Zero Balance: within .02% of F.S. per °C.
 Temperature Compensation Range +20° to +60°C.
 Excitation Voltage: 9.75 to 26vdc, Reverse Excitation Protection to 30 VDC.
 Full Scale Output Change: 5.000 ±0.050 VDC.
 Zero Balance at 25° C: 0.500 ± 0.150 Vdc (A Zero Trim Pot is provided).
 Zero Trim Pot Maximum Torque: 4.0 Ounce-Inch.
 Calibration Medium: Distilled Water.
 Linearity and Hysteresis Combined: within ±1.0% of F.S.
 Max Current Drain: 30 mA.
 Output Impedance: 100 Ohms Max.
 Cable Length: 12" Nominal. Other lengths available on request.
 Cable Color Code: Red...+Exc
 White...+Signal
 Black... Common & -Signal
 Yellow...Shield.

Maximum Voltage Between Any Lead and Case: 50V.
 Isolation, Any Circuit to Case: > 1,000 MegOhms at 50 VDC
 For best EMI immunity, connect cable drain wire at cable end to the analog ground, and mount the housing to the chassis.
 NOTE: See DJ drawing 53628 for additional details on housing dimensions. Sensing element available in 4" and 6" length. See table.
 Range ID grooves identify calibration range. See FRONT view and table.
 Dimensions shown are nominal.
 ROHS COMPLIANCE - This product must comply with DIRECTIVE 2011/65/EU
 REACH COMPLIANCE - This product must comply with European Regulation No 1907/2006



Model	Length "L", in	Range, psi	Drawing No.	Range ID Grooves	Part No.	Max Pressure No Damage
HB-4-15K	4	15,000	54667-4-15K	1	7448	17,500 psi
HB-6-15K	6	15,000	54667-6-15K	1	TBD	17,500 psi
HB-4-30K	4	30,000	54667-4-30K	2	7071	31,000 psi
HB-6-30K	6	30,000	54667-6-30K	2	TBD	31,000 psi
HB-4-60K	4	60,000	54667-4-60K	3	TBD	61,000 psi
HB-6-60K	6	60,000	54667-6-60K	3	7693	61,000 psi

REVISION HISTORY			
DATE	REV	DESCRIPTION	ECO
1/15/19	A	Added RoHS and REACH compliance requirements (Specifications). Promoted drawing to production level (Rev A). Added model names to table.	190115RV
6/18/19	B	Added 60K psi range. Added 6" length option. Added explanation of range ID grooves.	190618RV
2/26/20	C	Incremented rev in order to correct an Avante issue. No substantive changes from previous rev.	28.0

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DRAWN BY: RRV DATE: 6/28/2010 PN: See Table
 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 HB
Flow-Through Transducer for High Pressure

SCALE
 SHEET 1 OF 1
 57747

SIZE **B** **54667** REV **C**

