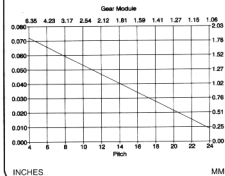


5/8 DZH400/DZH460 HALL-EFFECT ZERO SPEED SENSORS WITH TRANSIENT PROTECTION

FULL OUTPUT OBTAINED AT ANY POINT BELOW THE LINE.



AIR GAP

FOR SPEED SENSING APPLICATIONS THAT REQUIRE TRUE ZERO SPEED RESPONSE. ALL SENSORS HAVE SEALED FRONT END. SENSOR ALIGNMENT REQUIRED.

TRANSIENT PROTECTION (Supply Voltage Input):

+60 VDC (peak) @ 1% duty cycle with $T < 100\text{ms}$

-50 VDC (peak) @ 1% duty cycle with $T < 100\text{ms}$

OPER. FREQ. RANGE: Zero to 20 KHz

WEIGHT: 4.0 oz. (114 gr.)

DUTY CYCLE: 20 to 80% @ .060" Gap, 8 DP Gear

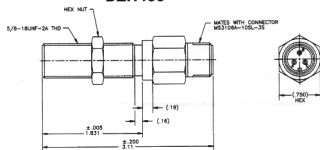
REQUIRED TARGET: Gear, Sprocket, Hole Pattern

OUTPUT SIGNAL RISE/FALL TIME: 2 μ Sec. (820 ohms, 20pf)

REVERSE POLARITY: Protected to 15 VDC

VIBRATION: Meets Mil-Std 202F Method 204D

DZH400



SUPPLY VOLTAGE: 5.5 to 25.0 VDC

@ 20mA max.

OPER. TEMP. RANGE: -40 to 257F
(-40 to 125C)

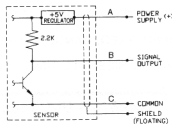
OUTPUT SIGNAL:

Low = 400 mV max. @ 20 mA sink

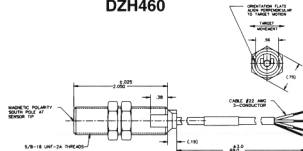
High = $\frac{R_L \times 5}{R_L + 2200}$

HOUSING MATERIAL: 303 Stainless Steel

5V SQUARE WAVE OUTPUT



DZH460



SUPPLY VOLTAGE: 5.5 to 25.0 VDC

@ 20mA max.

OPER. TEMP. RANGE: -40 to 257F
(-40 to 125C)

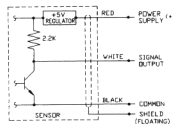
OUTPUT SIGNAL:

Low = 400 mV max. @ 20 mA sink

High = $\frac{R_L \times 5}{R_L + 2200}$

HOUSING MATERIAL: 303 Stainless Steel

5V SQUARE WAVE OUTPUT



* R_L = Load resistance in Ohms