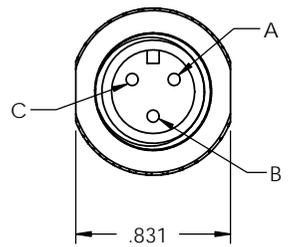
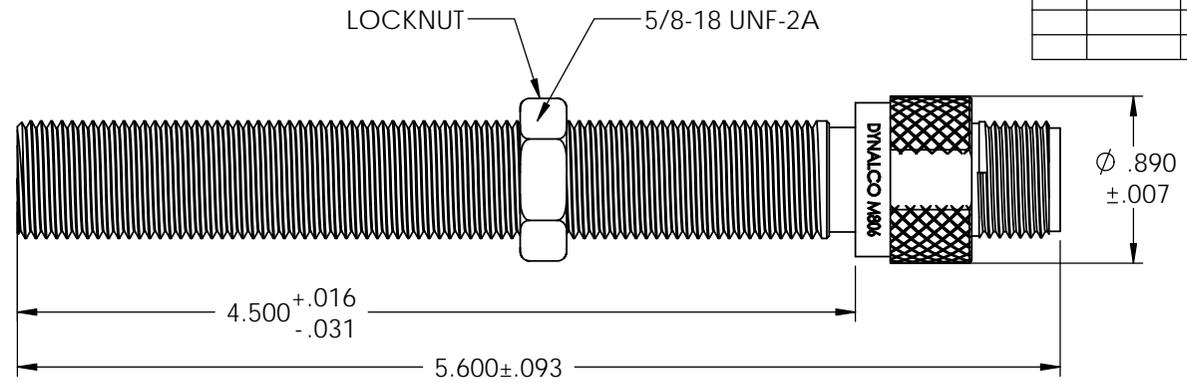


REV/	ECN	REVISION RECORD	DATE	DR	CK
A	89XX	INITIAL RELEASE	04/25/14	PF	BR



SPECIFICATIONS:

- POWER SUPPLY: 8 TO 32 VDC.
- SUPPLY CURRENT: 30 mA MAXIMUM
- OPERATING TEMPERATURE: -30 F TO +250 F (-35C to 125C)
- SENSED FREQUENCY: 0 TO 20 KHZ
- OUTPUT VOLTAGE: SQUARE WAVE.
- LOGIC 0: WHEN NO MAGNET PRESENT
* < 0.4 VDC AT < 50 mA SINK CURRENT.
- LOGIC 1: WHEN MAGNET ACTIVATES SENSOR
* 4.7 KΩ PULL UP TO Vin
 $V_{out} = V_{in} \times R_{load} / (R_{load} + 4.7K\Omega)$
- INSULATION RESISTANCE: 100 MEGA ohm MIN. AT 50 VDC (COMMON TO HOUSING)
- HOUSING: 303 STAINLESS STEEL, BLIND END
- OPERATING AIR GAP: 0.120 TYPICAL WITH NORTH POLE FACING TARGET MAGNET.

ELECTRICAL CONNECTIONS	
PIN A	OUTPUT
PIN B	POWER SUPPLY
PIN C	COMMON

UNLESS OTHERWISE SPECIFIED		THIRD ANGLE PROJECTION	
DIMENSIONS ARE IN INCHES DIMENSIONAL TOLERANCES: FRACTIONAL ±1/64 ANGULAR: ± 1/2° XX ±0.010 XXX ±0.005		DYNALCO	
DATE: 03/03/14	MODEL: M806	DRAWN: PF	APPROVED: HM
MATERIAL:	TITLE: PICKUP, HALL EFFECT, MODEL M806		
FINISH:	SIZE: A	DWG. NO. 800-0806	REV: A
DO NOT SCALE DRAWING	SCALE 1:1	WEIGHT	SHEET 1 OF 1

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