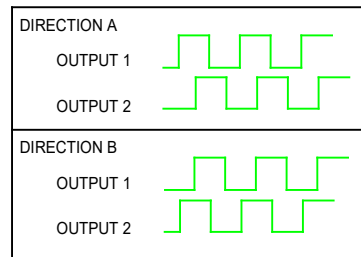
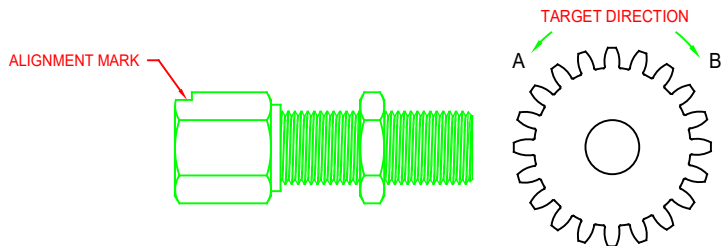
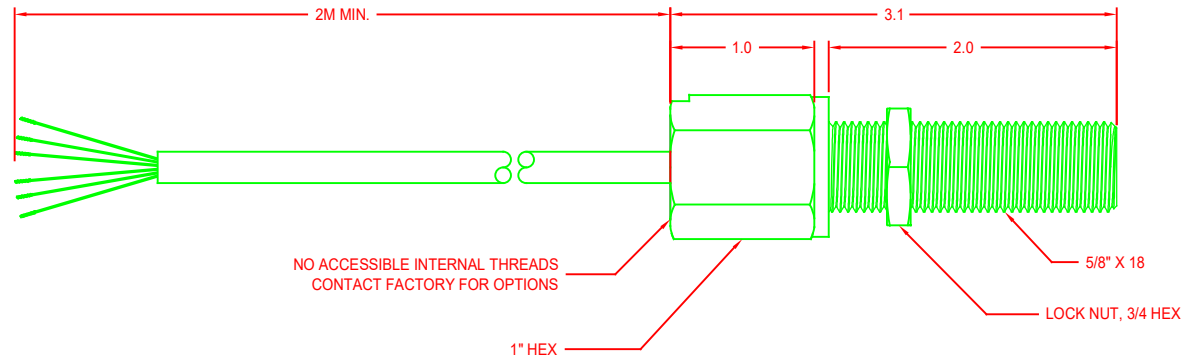


SPECIFICATIONS	
SUPPLY VOLTAGE (VDC)	4.5 - 30 VDC 10mA MAX at NO LOAD, OUTPUTS HIGH
PROTECTION	REVERSE POLARITY and OUTPUT SHORT CIRCUIT PROTECTED
OUTPUT TYPE (Vp-p)	SUPPLY TRACKING, OPEN COLLECTOR LOGIC 0: <math><0.6V</math>   LOGIC 1: $(V_s - 0.2V) \times (R_L / (2.2K + R_L))$
OUTPUT PHASE	90° ±45° ALIGNED PER 12P GEAR (CONTACT FACTORY FOR CUSTOM ALIGNMENT)
OPERATING FREQUENCY	0 Hz to 15 KHz
AIRGAP	0.090" AIR GAP DEPENDENT ON TARGET GEOMETRY AND OPERATING FREQUENCY. FINER PITCH GEARS MAY REQUIRE SMALLER AIR GAPS
INSULATION RESISTANCE	≥100MΩ @ 100VDC
OPERATING TEMPERATURE	-40°C to +125°C
ELECTRICAL CONNECTION	#20 AWG, 6 COND., SHIELDED FEP CABLE (SEE TABLE BELOW FOR WIRING INFO)

REV	DESCRIPTION	DATE	APP
-	-	00/00/00	XX

WIRE DESCRIPTION	COLOR
POWER INPUT 1	RED
POWER/PULSE COMMON 1	BLACK
OUTPUT PULSE 1	WHITE
POWER INPUT 2	ORANGE
POWER/PULSE COMMON 2	GREEN
OUTPUT PULSE 2	BLUE



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DIMENSIONAL TOLERANCES AS FOLLOWS: XX ±.1 X.XX ±.01 X.XXX ±.005 FRACTIONAL ± 1/64 ANGULAR ± 2°					
MATERIAL: 300 SERIES STAINLESS STEEL				TITLE: OUTLINE; DUAL CH. HALL EFFECT ISOLATED OPEN COLLECTOR OUTPUT, 5/8X18 THRD	
FINISH: -	DATE: 06/24/21	SIZE: C	CAGE CODE: 0Y2U4	DWG. NO.: HD-124	REV: NC
DRAWN: N. MEADOWS	CHECK: M. PRITCHARD	SCALE: 1:2	SHEET: 1 OF 1	786 PITTS CHAPEL RD. ELIZABETH CITY, NC 27909	