

C337023B

For connector dimensions and information about sealing backshells, see pages 4 - 8 of the price list.

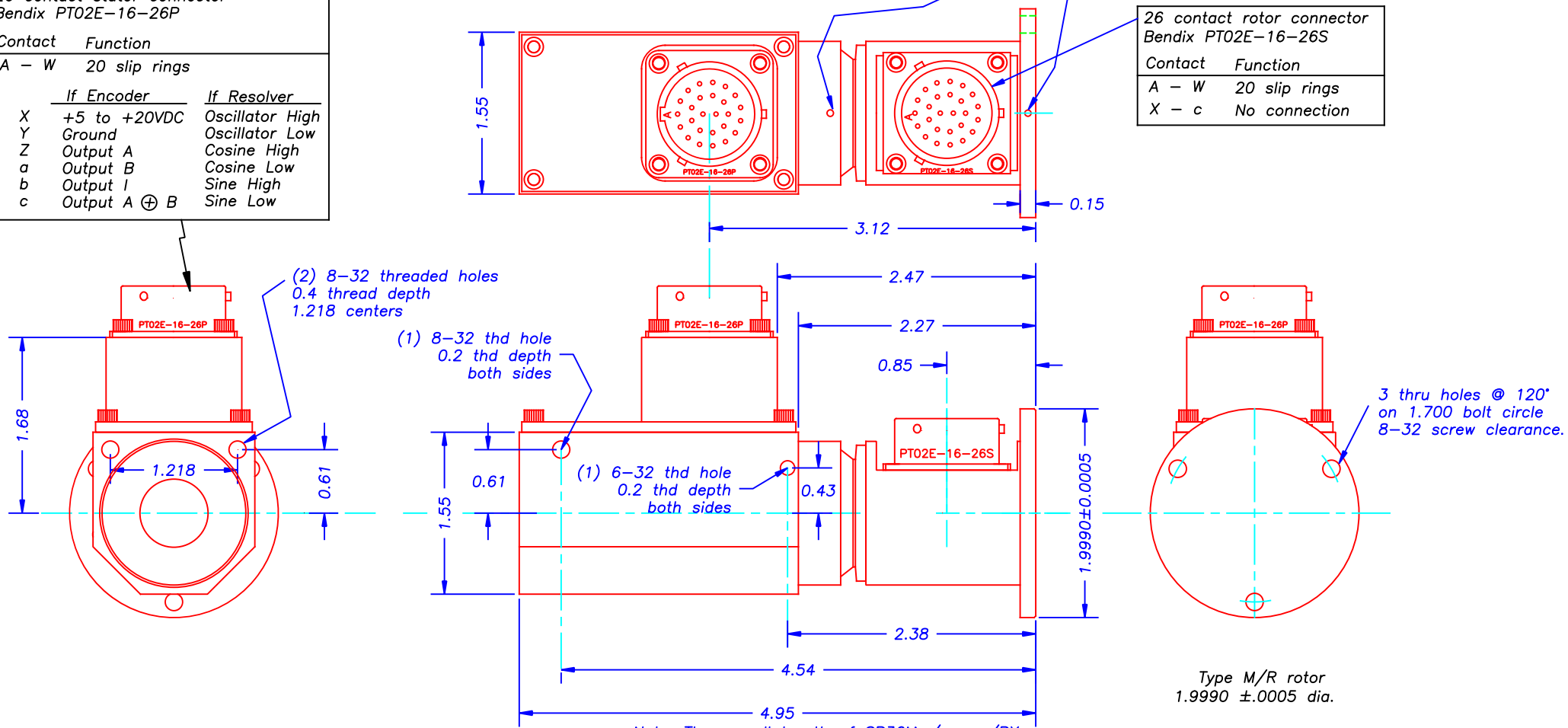
DATE	BY	REVISION	LOC.
2-00	KDL	Added information.	

26 contact stator connector
Bendix PT02E-16-26P

Contact	Function
A - W	20 slip rings
	<i>If Encoder</i>
X	+5 to +20VDC
Y	Ground
Z	Output A
a	Output B
b	Output I
c	Output A ⊕ B
	<i>If Resolver</i>
	Oscillator High
	Oscillator Low
	Cosine High
	Cosine Low
	Sine High
	Sine Low

26 contact rotor connector
Bendix PT02E-16-26S

Contact	Function
A - W	20 slip rings
X - c	No connection



The encoders will operate from +5 to +20 Vdc. Current draw is 50 to 90 mA. Temperature range is -40C to +100C.

The resolvers require a 10 KHz, 16 V peak to peak sine wave oscillator. The Michigan Scientific model RESSC-2-12V resolver electronics includes this oscillator. Temperature range of resolver units is -40C to +120C (-40F to +250F).

Note: The overall length of SR36M_/_____/RX models is 5.80 inches. All other dimensions are the same as these SR20M_/_____/RX.

SR/ERT series
Model SR20A_/E_____/RX Weight 20 ounces (24 oz. with mating connector).
Model SR20A_/R360/RX Weight 21 ounces (25 oz. with mating connector).

20 SLIP RINGS & AN OPTICAL ENCODER (E____) OR RESOLVER (R360) IN A WEATHERPROOF HOUSING.

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TOLERANCES .xxxx ±.0005 .xxx ±.005 .xx ±.01 ANGLES ±'---' SURFACE FINISH ---RMS	DESIGNED BY: KDL DRAWN BY: KDL CHECKED BY:	DATE: 10-14-98 TITLE: OUTLINE DRAWING SHT OF SHTS: SIZE BH	SCALE: 1:1
DRAWING NO.: C337023B	MATERIAL: 20 RINGS & ENCODER OR RESOLVER.		