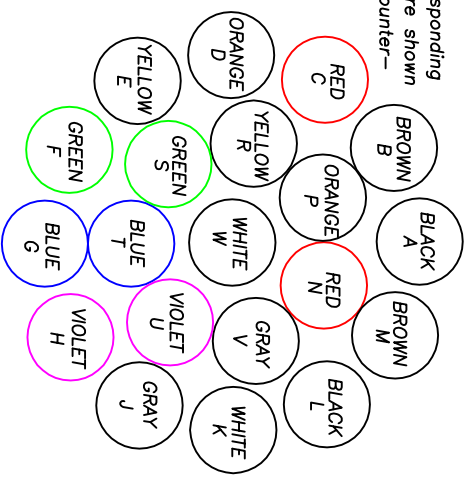
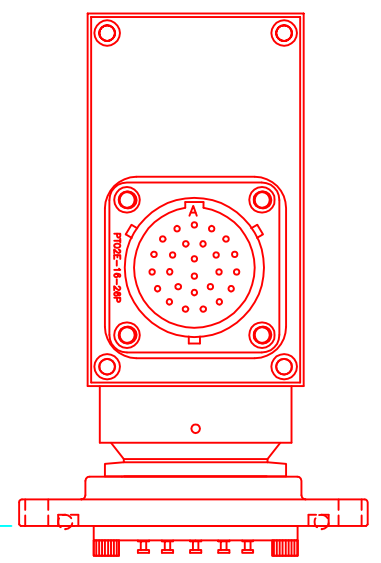


# BS10L2C20

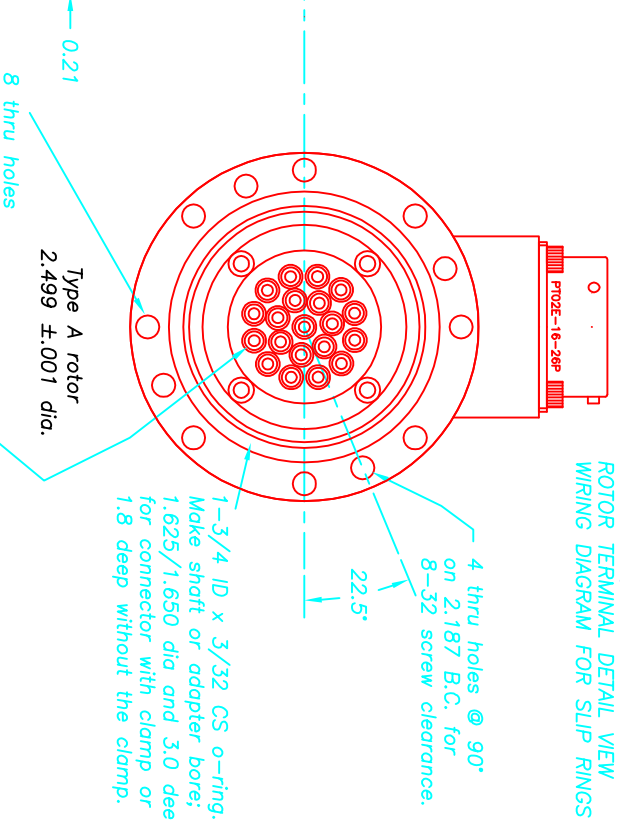
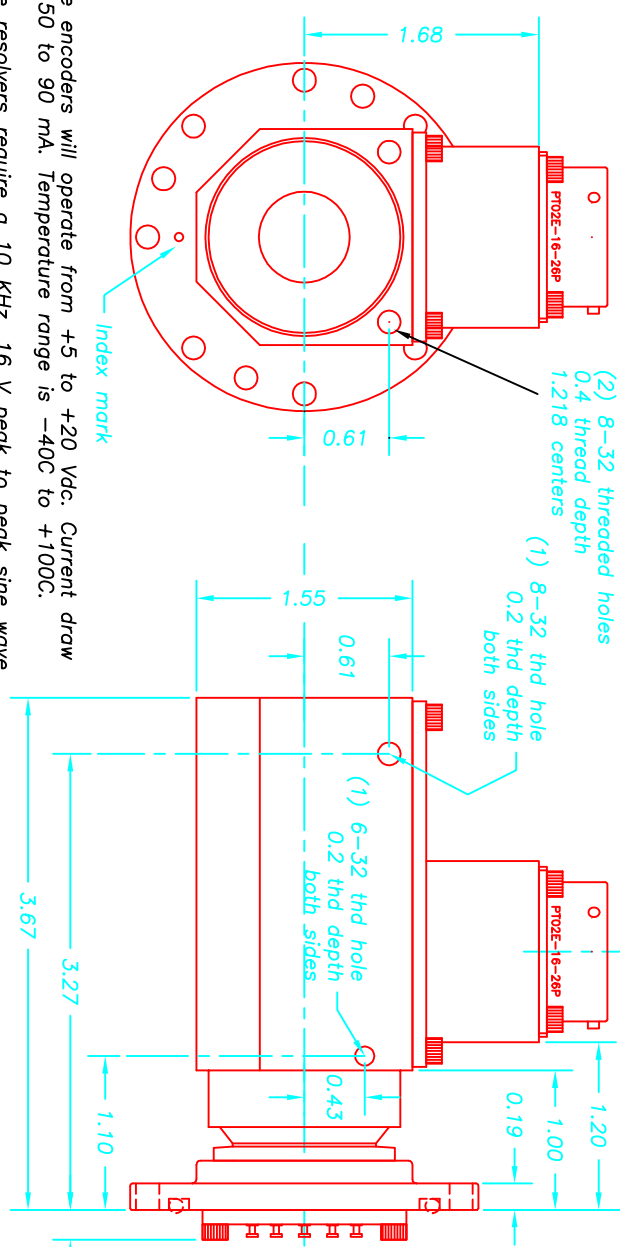
For connector dimensions and information about sealing backshells, see pages 4 - 8 of the price list.

Contact	Function	If Resolver	If Encoder
A - W	20 slip rings	Oscillator High Oscillator Low Cosine High Cosine Low Sine High Sine Low	+5 to +20VDC Ground Output A Output B Output I



NOTE: Terminal colors and corresponding connector letters (A-W) are shown below: (20 connections, counter-clockwise spiral pattern)

ROTOR TERMINAL DETAIL VIEW  
WIRING DIAGRAM FOR SLIP RINGS



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).

## SR/ERT series

Model SR20A\_/E\_\_\_\_\_/TX Weight 15 ounces (17 oz. with mating connector).

Model SR20A\_/R360/TX Weight 16 ounces (18 oz. with mating connector).

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

**MICHIGAN SCIENTIFIC CORPORATION**  
08500 ANGE ROAD  
CHARLEVOIX, MI 49720  
PHONE: (231)547-5511 FAX: (231)547-7070

TOLERANCES	DESIGNED BY:	DATE:	SCALE:
.xxxx ±.0005	BY: KDL	7-8-98	1:1
.xxx ±.005	DRAWN BY: KDL	TITLE:	
.xx ±.01	KDL	OUTLINE DRAWING	
ANGLES ±.01	CHECKED	SHT OF SHTS: 5	SIZE
SURFACE FINISH	BY:	BH	
DRAWING NO: C337015B	MATERIAL:		
	20 RINGS & ENCODER OR RESOLVER		