

AT19ET20

SLIP RING & 3 THERMOCOUPLE AMPLIFIERS

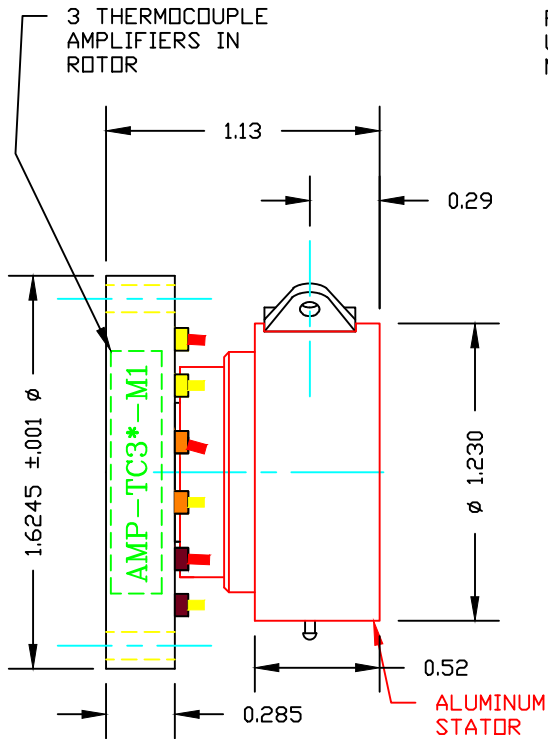
MODEL: SHORT S6/T/TC3*

DATE BY REVISION

6-3-11	KDL	Corrected text (TC not SG)
7-14-15	KDL	1.6245±.001 ROTOR
2-21-17	KDL	.025 longer revisions
4-6-20	KDL	add 0.52 & 20° dimensions
1-23-24	KDL	24 AWG TC IS STANDARD

Replace the * with thermocouple type, such as K, T or J.

TABS TO ATTACH A TETHER TO PREVENT THE STATOR FROM ROTATING. UNIT TORQUE IS LOW (ABOUT 3 IN-OZ). USE A FLEXIBLE CABLE OR SOFT SPRING, TO MINIMIZE FORCES APPLIED TO THE UNIT'S BEARINGS..

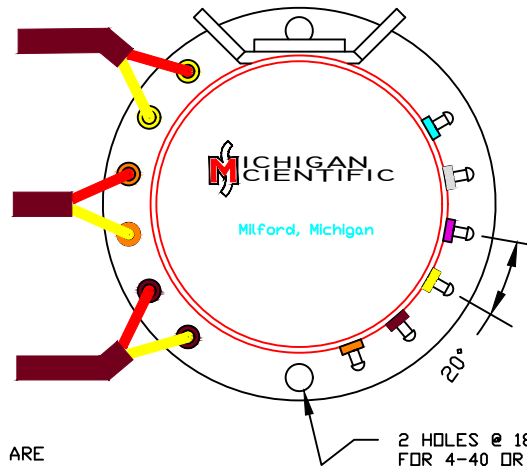


THERMOCOUPLES EXIT OUT OF THESE COLORED BUSHINGS:

CHANNEL 1
YELLOW

CHANNEL 2
ORANGE

CHANNEL 3
BROWN



THERMOCOUPLES ARE 24 AWG STRANDED WIRE 12 INCHES LONG (OTHER LENGTHS CAN BE SPECIFIED.)

UNITS WITH 24 AWG TC WIRES ARE STANDARD. THERMOCOUPLE TERMINALS ARE A HIGHER COST ALTERNATIVE. TO SPECIFY TC TERMINALS, ADD 'T' TO THE END OF THE PART NUMBER. FOR EXAMPLE: SHORT S6/T/TC3KT.

AMPLIFIER CONNECTION & STATOR TERMINAL

- +15VDC BLUE
- POWER & SIGNAL COMMON GREY
- 15VDC VIOLET
- CHANNEL 1 YELLOW
- CHANNEL 3 BROWN
- CHANNEL 2 ORANGE



APPROXIMATE WEIGHT IS 56 GRAMS (2 OZ)

ALL DIMENSIONS IN INCHES

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

DESIGN MAY CHANGE WITHOUT NOTICE

DESIGNED BY: KDL	DATE: 6-25-09	SCALE: 1:1
TITLE: SHORT S6/T/TC3x		
CHECKED BY:	SHT OF SHTS:	SIZE AH
DRAWING NO.: C213641A	MATERIAL: METAL HOUSING	