

NOTES:

- 1. The TCS-125-AL-KUKKU-.156)-*Z*-11646 triaxial surface thermocouple with its junctions electrically isolated from the case will provide microsecond response time metal wall surface temperature measurements when properly installed flush in metal wall surface. In many cases the surface temperature history may be used to compute fast response heat transfer rates. This unit is supplied with an in-depth thermocouple at 0.156 inch depth for steady state heat transfer rate computations. The triaxial thermocouples are ANSI Type K with 6061-T6 aluminum alloy housing.
- 2. Epoxy potted (500°F max) transition is standard. To specify high temperature ceramic potting material (1000°F) in the transition with the fiberglass leadwire, add suffix C to the part number.
- 3. The standard unit can be mounted in existing Kistler 6125A pressure transducer mounting holes using Kistler floating clamp nuts. Extensions may be used for thicker walls.

UNLESS OTHERWISE SPECIFIED

- 1. To order specify the following in the Part Number:
- "Z" The length (inches) of flexible leadwire (36" STD)
- 5. See MEDITHERM Bulletin 500 for further descriptive information on MEDITHERM coaxial microsecond response surface thermocouples.

FINISH FRACTIONS TCS-125-AL-KU(KU156)-"Z"-11646 TCS-125-AL-KU(KU156)-"Z"-11646 TCS-125-AL-KU(KU156)-"Z"-11646 TCS-125-AL-KU(KU156)-"Z"-11646 TRIAXIAL-TYPE UNGROUNDED JUNCTION COAPORATION TRIAXIAL SURFACE THERMOCOUPLE WITH BACKSIDE THERMOCOUPLE WITH BACKSIDE THERMOCOUPLE POST OFFICE BOX 412 HINTSVILLE, ALABAMA 35804 REV FINISH CAD DWG 11/24/14 DR. GMG APP. DEL TCS-125-AL-KU(KU156)-"Z"-11646 MEDTHERM COAPORATION COAPORATION REV HINTSVILLE, ALABAMA 35804 REV REV SHEET 1K OF	_	_	_	_	_		_	_	_	_	_		
TCS-125-AL-KU(KU156)-"Z"-11646 TRIAXIAL-TYPE UNGROUNDED JUNCTION COAXIAL SURFACE THERMOCOUPLE WITH BACKSIDE THERMOCOUPLE SCALE: ORIG. DWG DRG. 11/24/14 DR. GMG APP. DEC.		FINISH									DIMENS		
TCS-125-AL-KU(KU156)-"Z"-11646 TRIAXIAL-TYPE UNGROUNDED JUNCTION COAXIAL SURFACE THERMOCOUPLE WITH BACKSIDE THERMOCOUPLE SCALE: ORIG. DWG DRG. 11/24/14 DR. GMG APP. DEC.					NOTED			3PL ± .005	2PL ± .01	TOLERANCES	TOLERANCES		
5-AL-KU(KU156)-"Z"-11646 L-TYPE UNGROUNDED JUNCTION KIAL SURFACE THERMOCOUPLE BACKSIDE THERMOCOUPLE DES. 11/24/14 OHK. GMG APP. DELP									+ 1°	3	SES		
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156)-"Z"-11646 MEDTHERM ROUNDED JUNCTION CORPORATION THERMOCOUPLE POST OFFICE BOX 412 HERMOCOUPLE HUNTSVILLE, ALABAMA 3580. DES. SIZE RET 1K OF APP. DEA SHEET 1K OF		11/24/14				ולייניייייייייייייייייייייייייייייייייי	DACKSIDE T	L SURFACE	-TYPE UNG	AL 20(20			
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