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	IN THE INFORMATION ON DISCLOSED HEREIN OR USED OR DISCLOSED EXCEPT AS SPECIFICALLY ENTS, INC.	7. SC BOARD I/O TERMINAL DESCR		SCRIPTION (SEE BELOW):	SHIELDED CABLE OR CONDUIT SYSTEMS ON ALL WIRES.	
	DRMATI D HER DISCI PECIFIC			SC BOARD TB1 💁	EXAMPLES:	
	E INFO	TERMINAL	# NAME	DESCRIPTION	BRAIDED CABLE WITH MULTI-CONDUCTORS	
	N IN THE CONTROLL OF THE CONTR	TB1-1	Rps	VELOCITY SENSOR LEAD WIRE SENSE VOLTAGE	RIGID CONDUIT (PIPE) WITH WIRES PULLED INSIDE EMT WITH COMPRESSION END TERMINATIONS WITH WIRES PULLED INSIDE	
	JDED MATION NTS C SE EX	TB1-2	Rpl	VELOCITY SENSOR CURRENT RETURN LEAD	CORRUGATED SOLID FLEX LIKE USED ON GAS APPLIANCES CONNECTIONS WITH WIRES PULLED INSIDE	
	NFOR) NFOR) CUME NSTI	TB1-3	Rph	VELOCITY SENSOR HIGH SIDE DRIVE OUTPUT	SPECIAL REQUIREMENTS: NONE	
	S ARE NOR I ER DO HER F KURZ	TB1-4	Rtcl	REFERENCE TEMPERATURE SENSOR LOW SIDE RETURN	UNSHIELDED CABLE OR CONDUIT SYSTEMS ON ALL WIRES.	
	RIGHT VENT V OT S BY	TB1-5	Rtch	REFERENCE TEMPERATURE SENSOR LOW SIDE DRIVE	EXAMPLES:	
	TARY DOCUI EED TC OR AI RITINC	TB1-6	GND	CHASSIS GROUND. USE FOR RS-485 SHIELD	MULTI-CONDUCTOR CABLE(S) OR DISCREET WIRES	
	SPERR SPERR OR F	TB1-7	RS485+	RS-485 + LEAD	MULTI—CONDUCTOR CABLE(S) OR DISCREET WIRES FLEX CONDUIT WITH SPIRAL WRAPPED METAL CABLE WITH SPIRAL WRAPPED METAL	
	TRANS TRANS TRANS TRING TRING	TB1-8	RS485-	RS-485 - LEAD	CABLE WITH SPIRAL WRAPPED WIRES OR ARMOR	С
	S, INC I. NEIT FACTU	TB1-9	GND	CHASSIS GROUND, USED FOR 24V POWER GROUND	SPECIAL REQUIREMENTS: (SEE BELOW) A. 4—20mA OUTPUTS REQUIRE A SHIELDED CABLE TERMINATED AT THE SC BOARD AND AND CUSTOMER END. PIG—TAIL SHIELD CONNECTION OK. B. SENSOR CABLE REQUIRES A SHIELDED CABLE TERMINATED TO CHASSIS AT THE SENSOR	
	JMENT JEREIN DUCEI MANU A	TB1-10	+24 VDC	+24 V POWER INPUT (18 TO 30 VDC, 21W)		
	KURZ INSTRUMENTS, INC. PROPRIE DISCLOSED HEREIN. NEITHER THIS SHALL BE REPRODUCED OR TRANSFER TO OTHERS FOR MANUFACTURING OR AUTHORIZED IN 'AUTHORIZED IN 'A	TB1-11	AO1+	ANALOG OUTPUT 1 + INPUT POWER CONNECTION. USUALLY 24VDC FROM THE CUSTOMER. ISOLATED OUTPUT, PRESENT ON HART OPTION		
	KUR: DISC SHALL BI TO OTHEI	TB1-12	AO1-	ANALOG OUTPUT 1 — 4—20mA CURRENT NE43 COMPLAINT ISOLATED OUTPUT, PRESENT ON HART OPTION	AND ELECTRONICS ENCLOSURES. PIG-TAIL SHIELD CONNECTION OK. C. RS-485 REQUIRES A SHIELDED CABLE TERMINATED AT THE SC BOARD AND THE CUSTOMER	
		TB1-13	A02+	ANALOG OUTPUT 2 + INPUT POWER CONNECTION. USUALLY 24VDC FROM THE CUSTOMER. ISOLATED OUTPUT, NOT PRESENT ON HART OPTIC		
В		TB1-14	A02-	ANALOG OUTPUT 2 — 4—20mA CURRENT NE43 COMPLAINT ISOLATED OUTPUT, NOT PRESENT ON HART OPTION	NEAR THE TERMINAL BLOCKS. THIS DOES NOT INCLUDE THE SENSOR NOR AC POWER CABLE. PART NUMBER IS STEWARD 28A2024.0A2 AVAILABLE FROM DIGIKEY OR FAIR—RITE 0443164151. KURZ PART # 600029—	
				SC BOARD TB6 (OPTIONAL INTERFACE)		В
		TB6-1	D02	DIGITAL OUTPUT 2, SSR TERMINAL A. ISOLATED SSR. ALSO USED AS A SWITCHED +24VDC OUT FOR A SOLENOID DRIVE IN THE PURGE OPTION	ON STANDARD SENSOR CONTROL PCB SC-TB1 HAS 14 TERMINALS, WITH TWO ANALOG OUTPUTS.	
		TB6-2	D02	DIGITAL OUTPUT 2, SSR TERMINAL B. ISOLATED SSR. ALSO USED AT A CHASSIS GROUND FOR A SOLENOID DRIVE IN THE PURGE OPTION	ON SENSOR CONTROL PCB WITH HART OPTION SC-TB1 HAS ONLY 12 TERMINALS, WITH ONE ANALOG OUTPUT.	
		TB6-3	DO1	DIGITAL OUTPUT 1, SSR TERMINAL A. ISOLATED SSR		
		TB6-4	DO1	DIGITAL OUTPUT 1, SSR TERMINAL B. ISOLATED SSR		
		TB6-5	GND	CHASSIS GND. COMMON CONNECTION FOR AI1, DI1 OR DI2		
		TB6-6	Al1	ANALOG INPUT 1. 0 TO 20 mA INPUT, NON-ISOLATED		
		TB6-7	DI2	DIGITAL INPUT 2, SHORT TO GND TO ACTIVATE THE ZERO/SPAN CALIBRATION SEQUENCE		
		TB6-8	DI1	DIGITAL INPUT 1, SHORT TO GND TO ACTIVATE THE PURGE TIMER SEQUENCE		
Α		SC BOARD USB			KURZ INSTRUMENTS, INC.	
		USB	TYPE B	USB 1.0 HID TYPE INTERFACE TO A COM EMULATION DRIVER USED IN WINDOWS "PC KURZ USB DRIVER" # 451035	FIELD WIRING DIAGRAM	
		SC BOARD J4			MFT B-SERIES (ATEX)	A
		J4	LCD	INTERFACE FOR KURZ LCD/KEYBOARD, FIRMWARE 4.1 OR HIGHER	B DWG. NO. 342038 REV. H	
				1	SCALE NONE SHEET 6 OF 6	