


General	1	Product	Tilt Level Controller: Intrinsically Safe Output (Explosion Proof)
	2	Model Number	CT-107B
	3	Manufacturer	Conveyor Components Company
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Environment	5	Ambient Temperature	< 40 °C [104 °F]
	6	Enclosure Material	319 cast aluminum
	7	Enclosure Rating	NEMA Type 7: Class I, Groups C, D; Type 9: Class II, Groups E, F, G; Intrinsically safe circuits for Class I: Groups A, B, C & D; Class II: Groups E, F & G when used with CCC G-series tilt probe as per installation instructions I0020006
	8	Mounting	3 holes at $\varnothing^{13}/_{32}$ " [10 mm] (Vertical surface mounting standard, bracket available for horizontal surfaces)
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Switch	11	Switch Type	DPDT relay
	12	Contact Type	Dry contact
	13	Contact Rating	5A @ 120V AC; 5A @ 240V AC
	14	Electrical Action	Non-latching
	15	Time Delay	0.1 to 10 seconds (field adjustable)
	16	Electrical Connection	$\frac{3}{4}$ " NPT x 1 for intrinsically safe probe connection only
	17		$\frac{3}{4}$ " NPT x 2 for power and switch connections
	18	Supply Voltage (Line In)	120V AC standard; optional 240V AC
	19	Indicating Lamp	1 red LED indicating Alarm; 1 green LED indicating Normal
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Probe Connection	21	Type	Tilt probe controller
	22	Input	3 wire cable
	23	Contact Type	Dry contact
	24	Probe Power Supply	< 12V DC (non-replaceable 50 mA fuse)
	25	Cable Type	16-3 SO type electrical cable. (using non-CCC supplied electrical cable revokes an individual product's UL listed status)
	26	Cable Length	Maximum 5000' [1524 m] cable between probe and controller.
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Options	30	Finish	Epoxy (option E) coating available
	31	Mounting Bracket	Available for horizontal surface mount (RS-30)
	32	Supply Voltage (Line In)	120V AC standard; optional 240V AC (option B)
	33	Additional Cable	16-3 SO cable (CT-300G)
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Certifications	37	UL Listing File	NRDZ.E102270
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Manufacturer	40		
Notes: 1. UL Listed for intrinsically safe output for Class I: Groups A, B, C & D; Class II: Groups E, F & G when used with CCC G-series tilt probe as per installation instructions I0020006. 2. Maximum 5000' [1524 m] cable between probe and controller. 3. Using non-CCC supplied electrical cable revokes an individual product's UL listed status			