


Instrument Data Sheet

General	1	Product	Tilt Level Controller: 24V (Raintight)
	2	Model Number	CT-105C
	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	Meets NEMA Type 3, 4, 4X
	8	Intrinsically Safe Output	No
	9	Mounting	3 holes at $\varnothing^{13/32}$ " [10 mm] (Vertical surface mounting standard, bracket available for horizontal surfaces)
	10		
Switch	11	Switch Type	DPDT relay
	12	Contact Type	Dry contact
	13	Contact Rating	5A @ 120 VAC; 5A @ 240 VAC; 5A @ 30 VAC
	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 CT probe connection
	17		$\frac{3}{4}$ " NPT x 2 for power and switch connections
	18	Supply Voltage (Line In)	24V AC/DC
	19	Indicating Lamp	1 red LED indicating Alarm; 1 green LED indicating Normal
	20		
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
	26	Cable Length	Maximum 5000' [1524 m] cable between probe and controller
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Options	30	Finish	Uncoated (standard) or epoxy (option E) coating
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Accessories	33	Mounting Bracket	Available for horizontal surface mount (RS-30)
	34	Additional Cable	16-3 SO type cable (CT-300G)
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Certifications	37		
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Manufacturer	40		Conveyor Components Company Division of Material Control, Inc. 130 Seltzer Road, PO Box 167 Croswell, MI 48422 USA (810) 679-4211 info@conveyorcomponents.com www.conveyorcomponents.com
Notes:			