


Instrument Data Sheet

General	1	Product	Belt Alignment Control (Explosion Proof)
	2	Model Number	TA-5X
	3	Manufacturer	Conveyor Components Company
	4		
Environment	5	Certified Ambient Temperature	-25 to 40 °C [-13 to 104 °F]
	6	Functional Ambient Temperature	-50 to 40 °C [-58 to 104 °F]
	7	Enclosure Material	319 cast aluminum
	8	Enclosure Rating	NEMA Type 7: Class I (Div. 1 & 2), Groups C & D; Type 9: Class II (Div. 1 & 2), Groups E, F & G
	9	Mounting	3 holes at $\varnothing^{13/32}$ " (Surface mount)
	10		
Switch	11	Switch Type	DPDT x 2
	12	Contact Type	Dry contact
	13	Contact Rating	15A @ 125V or 250V AC; ¾ hp 125V AC; 1 ½ hp 250V AC
	14	Electrical Action	Non-latching
	15	Electrical Connection	¾" NPT x 1
	16	Indicating Lamp	None
	17		
	18		
	19		
Actuator	20	Type	Belt alignment control
	21	Mechanism	Sprung roller lever with rotating cam
	22	Non-activated Position	Field adjustable neutral position 0° to 360°
	23	Activated Position	Field adjustable: 0° to 45° from neutral (roller travel is not bound by the activation limit)
	24	Range of Travel	Bi-directional 0° to 90° from neutral
	25	Action	Non-latching
	26		
	27		
	28		
	29		
Options	30	Finish	Uncoated (standard) or epoxy (option E) coating available
	31	Roller Material	nylon bearings with red powder coated steel roller (standard)
	32		nylon bearings with stainless steel roller (option SS)
	33		Heavy-duty ball bearings with red powder coated steel roller (option BB)
	34		
	35		
	36		
Certifications	37	UL Certification File	NOIV.E71075
	38	cUL Certification File	NOIV7.E71075
	39		
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: 1. Typically used in pairs at each end of the conveyor to provide proper protection.			