


Instrument Data Sheet

	1	Product	Belt Alignment Control
	2	Model Number	BA-1
	3	Manufacturer	Conveyor Components Company
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Environment	5	Ambient Temperature	-32 to 71 °C [-25 to 160 °F]
	6	Chassis Material	Powder coated steel
	7	Microswitch Enclosure Material	Cast aluminum
	8	Microswitch Enclosure Rating	NEMA Type 1, 3, 4, 13
	9	Mounting	Six holes at $\varnothing^{13/32}$ [14 mm]; surface mount with roller running perpendicular to belt edge (optional break-away mounting bracket available)
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Switch	11	Switch Type	SPDT x 1
	12	Contact Type	Dry contact
	13	Contact Rating	20A @ 125, 250 or 480 VAC; 10A @ 125V AC "L"; 1 hp @125 VAC; 2 hp @ 250 VAC; ½ A @ 125 VDC; ¼ A @ 250 VDC
	14	Electrical Action	Non-latching
	15	Electrical Connection	½" – 14 NPT x 1
	16	Indicating Lamp	None
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Actuator	20	Type	Belt alignment control
	21	Mechanism	Sprung roller
	22	Inactivated State	Roller unladen
	23	Activated State	Roller pushed inward
	24	Range of Travel	< ½" [13 mm]
	25	Action	Non-latching
	26	Actuation Force	2.5 lb. [11.2 N] max ±roller weight (dependent on orientation)
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Options	30	Mounting Bracket	Break-away mounting bracket (BA-5)
	31		Break-away mounting bracket with SPDT switch (BA-55)
	32		Break-away mounting bracket with explosion proof SPDT switch (BA-55X)
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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: 1. Typically used in pairs to provide proper protection			