

Instrument Data Sheet

General	1	Product	Belt Alignment Control(Explosion Prof)
	2	Model Number	BA-1X
	3	Manufacturer	Conveyor Components Company
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Environment	5	Ambient Temperature	-40 to 71 °C [-40 to 160 °F]
	6	Chassis Material	Powder coated steel
	7	Microswitch Enclosure Material	Cast aluminum
	8	Microswitch Enclosure Rating	NEMA Type 7: Class I, Groups C, D; Type 9: Class II, Groups E, F, G
	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	10A @ 125V, 250V, or 480V AC; ½ A @ 125V DC; ¼ A @ 250V DC
	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	3.0 lb. [13.3 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	36	UL Listing File	Switch: E14274
	37	CSA Certification File	Switch: LR57324
	38	ATEX File	Switch: KEMA 04ATEX2312 X
	39	IEC Ex	Switch: Yes
Manufacturer	40		Conveyor Components Company 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			