

Instrument Data Sheet

General	1	Product	Belt Alignment Control(Explosion Prof)
	2	Model Number	BA-2X
	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 B, 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	DPDT x 1
	12	Contact Type	Dry contact
	13	Contact Rating	10A @ 125 or 250 VAC; 0.3A @ 125 VDC; 0.15A @ 250 VDC
	14	Electrical Action	Non-latching
	15	Electrical Connection	½" 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 Certification File	Microswitch: E14274
	37	CSA Certification File	Microswitch: LR57324
	38	ATEX File	Microswitch: KEMA 04ATEX2312 X
	39	IEC Ex	Microswitch: Yes
Manufacturer	40		

Notes: 1. Typically used in pairs to provide proper protection