Instrument Data Sheet

General	1	Product	Belt Alignment Control
	2	Model Number	BA-2
	3	Manufacturer	Conveyor Components Company
	4		
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 Ø $^{13}/_{32}$" [14 mm]; surface mount with roller running perpendicular to belt edge (optional break-away mounting bracket available)
	10		
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
	17		
	18		
	19		
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)
	27		
	28		
	29		
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)
	33		
	34		
	35		
	36		
Certifications	37	UL Certification File	Microswitch: E12252
	38	CSA Certification File	Microswitch: LR41372
	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 to provide proper protection

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