


Instrument Data Sheet

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| General | 1 | Product | Belt Alignment Control (Explosion Proof) |
| | 2 | Model Number | TA-2X |
| | 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 | SPDT x 2 |
| | 12 | Contact Type | Dry contact |
| | 13 | Contact Rating | 20A @ 125V, 250V or 480V AC; 1 hp 125V AC; 2 hp 250V AC; ½ A @ 125 V DC; ¼ A @250 V DC |
| | 14 | Electrical Action | Non-latching |
| | 15 | Electrical Connection | ¾" NPT x 1 |
| | 16 | Indicating Lamp | None |
| | 17 | | |
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| 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 |
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| Options | 30 | Finish | Uncoated (standard) or epoxy coating (option E) |
| | 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) |
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| | 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. | | | |