Model CBAS Belt Alignment Switch

Adjustable Activation Angles, Two Micro Switches

The Model CBAS Belt Alignment Switch is a rugged and reliable conveyor belt alignment switch. The compact die cast aluminum enclosure is designed for easy installation. The switch cover allows for simple access to wiring terminals and CAM adjustments. Belt alignment switches are typically used in pairs with one switch on each side of the conveyor belt mounted near the first and/or last pulley of a conveyor. Each CBAS is equipped with two micro switches, allowing one actuation angle for small belt deviations and a second actuation angle for extreme belt deviations. The actuation angles are factory set at 20 degrees and 35 degrees, each actuation angle can be easily adjusted in the field to fit any application.

Model CBAS-1, Conveyor Belt Alignment Switch

SPECIFICATIONS

Temperature Limits: -4 to 140°F (-20 to 60°C).
Enclosure: Die cast aluminum.
Enclosure Rating: NEMA 6 (IP67).
Switch Type: 2 SPDT.
Electrical Rating: 10 amp @ 125/250 VAC; 1/2 amp @ 125 VDC.
Electrical Connection: 3 screw type, common, NO, NC.
Electrical Conduit: Two 3/4˝ female NPT.
Activation Angles: 20° and 35° (adjustable).
Activation Force: 0.8 to 1.2 lb. (0.36 to 0.54 kg).
Control Type: Automatic reset.
Weight: 6.4 lb (2.9 kg).

Model CPS Cable Pull Switch

For Emergency or Normal Shut-Off

The Model CPS Cable Pull Switch is designed to provide a switching system to isolate the power to the conveyor system or other similar process equipment in event of a shutdown condition. A steel wire is placed along the side of the conveyor and attached to the cable pull switch. When the cable is pulled at any point along the conveyor it will trip the cable pull switch causing the conveyor to shut down. To restart the conveyor the CPS must be manually reset. The CPS has a universal design for bi-directional activation and utilizes a highly visible red flag to indicate the switch status. The compact design makes it ideal for easy installation.

Model CPS-1, Cable Pull Switch

SPECIFICATIONS

Temperature Limits: -4 to 140°F (-20 to 60°C).
Enclosure: Die cast aluminum.
Enclosure Rating: NEMA 6 (IP67).
Switch Type: 2 SPDT.
Electrical Rating: 10 amp @ 125/250 VAC; 1/2 amp @ 125 VDC.
Electrical Connection: 3 screw type, common, NO, NC.
Electrical Conduit: Two 3/4˝ female NPT.
Activation Angles: 30 degrees.
Activation Force: 11 ±2.25 lb. (5 ±1 kg).
Control Type: Manual reset.
Weight: 6.4 lb (2.9 kg).