



Conveyor parts

· Protection Switch Series

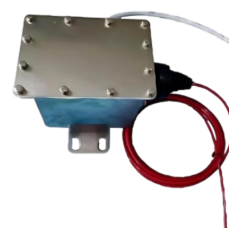
LONGITUDINAL TEAR DETECTOR



ZL-K Longitudinal Tear Detection Switch



ZL-B Longitudinal Tear Detector



Stainless steel longitudinal tear

- A single control box can connect to multiple sensors, suitable for use with long conveyors.
- Features input signal delay and de-jitter function to prevent malfunctions. Includes manual self-test function for high reliability.
- Employs relay output with large contact capacity.
- The sensor has a fully enclosed conductive rubber structure, providing dustproof, waterproof, condensation-proof, vibration-proof, and anti-aging protection.

PRODUCT PARAMETERS

Model	Detection Method	Response Time	Contact Capacity	Protection Class	Operating Voltage	Installation Position	Applicable Belt Width	Drawing No. Reference
SL-A	Contact Type (Tear Switch)	≤ 0.1s	AC220V/380V 5A	IP65	AC220V/DC24V	Below Chute / Guide Chute	500~1800mm	TD1TS1.1
SL-B	Non-contact Type (Ultrasonic / Laser)	≤ 0.05s	AC220V/380V 5A	IP67	AC220V/DC24V	Head / Tail Pulley	500~1800mm	TD2TS1.1
JSL-A	Contact Type (Pull Rope Type)	≤ 0.1s	AC220V/380V 5A	IP65	AC220V/DC24V	Below Chute / Guide Chute	500~1800mm	TD3TS1.1