

Conveyor parts · Protection Switch Series

SPEED DETECTOR/SLIP SWITCH

PRODUCT PARAMETERS

Model	Detection Method	Measuring Range	Operating Accuracy	Contact Capacity	Protection Class	Operating Voltage	Installation Position	Applicable Belt Width	Drawing No. Reference
DH-SA	Contact Type (Detection Wheel)	0.5~5.0m/s	±0.05m/s	AC220V/380V 5A	IP65	AC220V/DC24V	Head / Tail Pulley	500~1800mm	TD1SS1.1
DH-SB	Non-contact Type (Magnetic-Electric / Photoelectric)	0.2~6.0m/s	±0.03m/s	AC220V/380V 5A	IP67	AC220V/DC24V	Head / Tail Pulley	500~1800mm	TD2SS1.1
JDK-1	Contact Type (Detection Wheel)	0.5~4.0m/s	±0.05m/s	AC220V/380V 5A	IP65	AC220V/DC24V	Head / Tail Pulley	500~1800mm	TD3SS1.1

The slip detector ensures safe conveyor operation by monitoring belt speed in real time. If slippage occurs, it triggers audible and visual alarms and can link to the control system to stop the conveyor. Widely used in mines, ports, and power plants, it prevents equipment damage, material blockages, and improves system reliability.



GKDH-I type slip detector



GKDH-III type slip detector



Speed detector (slip switch)



GKDH-II type slip detector



Intelligent speed detector