

Model NSR22-PR-LGT Pull Rope Switch

Specifications

NSR22-PR-LGT Pull Rope Emergency Stop Switch with Alarm Light series is designed for the safety of the conveyor belt system for controlling and stopping it. Its resistance to heavy conditions makes it reliable in the long term and suitable for many industrial applications. The enclosure structure is aluminum casting material and it is protected with curing paint. Shaft mechanisms are made of stainless steel and arm mechanism is made of high-strength aluminum. Products with IP68 protection class can work in dusty and dirty environments. Owing to the alarm light, If the product gives contact, it will allow you to immediately detect the defective product on the tape. KBT Corded Emergency Stop Switches with alarm light are also called Conveyor Belt Alarm Rope Pull Switch. The products that can be mounted on the application place with steel rope work by moving to both sides or to one side. If the connected ropes are pulled from a possible direction, the system

locks and the switches switch to the stop position. After that, it must be returned to normal with manual reset. It has a standard distance of 50 meters from both directions, and it can be used for longer distances by customization if requested. An alarm and signal lamp can be added to all models optionally. With these features, it is easier to detect the warning product on the long conveyor belt. There is 1NO + 1NC contact structure in standard. Optionally, it can be upgraded to 3NO + 3NC contact structure. The microswitch used in the products has been approved by VDE. All products are manufactured in accordance with CE standards. It applies EAC standards for the Russian market. NSR22-PR (XX) -LGT series products do not require any maintenance. We recommend that you use highly tested and approved KBT connection accessories to make connections. Please check manual file for product application.

Technical Specifications

- Enclosure : Aluminum Casting
- Micro Switch Values : 400VAC 6A / 230VAC 8A / 24VDC 10A →
- Output Signal : (1) SPDT shutdown, alarm can be added upon request.
- Cable Entry : 2xM25
- Temperature Rating : -55°C - +100°C
- Movement Angle : 25°
- Contact Status : Snap - Action
- Protection Class : IP68
- Enclosure Color : Red (RAL 3020)
- Weight : 3.2 Kg
- Mounting Structure : Double-Sided use

Options

- EX - Zone 22 / Zone 21 Reset Cancel
- Bus Security Interface
- Adjustable Angle
- Casting Enclosure
- Mounting Feet
- Arm Length and Diameter
- Signal Lamp

Security Approvals

Electrical Security	EN60947
Mechanical Security	EN 60204
Outdoor Security	EN 60529
Current Certificate	CE
Russia Market	EAC
Micro Switch	VDE
Explosive Environment	EX - Zone 22 / Zone 21

Model Specifications List

Model	Structure of Contact		EX	Optional
	NC	NO	Sinyal	Alarm+Signal
NSR22-PR-LGT	1	1	(EX)	(ALGT)
NSR22-PR-22-LGT	2	2	(EX)	(ALGT)
NSR22-PR-33-LGT	3	3	(EX)	(ALGT)

Spare Parts Accessories List

Model	Features
KB-826	1NO+1NC Switch
KB-826-2	2NO+2NC Switch
KB-826-3	3NO+3NC Switch
KB-SL-01	Signal lamp
KB-R-01	M25x1,5 Cable Gland
KB-KT-01	M25 Blind Plug
KB-4-KN	4 Pin Connector
BA-11	Connection Mounting Foot
KB-TGV-01	Body Cover
TSR-42-PRP	Rope Connection Arm
KB-PM	Reset Lever.

Please review the manual file for product use. Check the KBT Accessory catalog for mounting the products on the belt.

