Model NSR66-PR3 Pull Rope Switch

Description

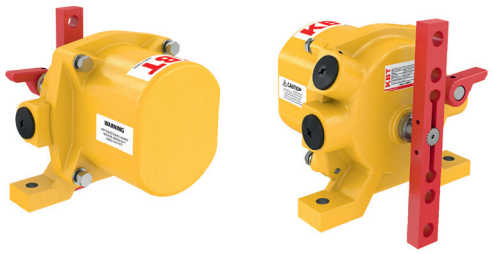
NSR66-PR3 Pull Rope Switches are designed for shutting down a conveyor belt or machinery and assuring system safety. They are also referred as "Pull Rope Switches". They are mounted alongside the conveyor belt, with tensioned steel cords attached to the switch arm from either side or both sides. When the cord is pulled, switch arm will turn until the locking angle and system shuts down. The switch can be reset manually with resetting lever.

The product is suitable for reliable long term usage in most industrial applications due to its heavy-duty design. Anti-static powder coated aluminium cast enclosure is resistant to corrosion and oxidation. Shaft mechanism is made of stainless steel and all internal parts are metal cast. NSR66-PR3 series products do not require any maintenance.

In standard applications, cord length is 50 m to both sides. All models can be equipped with an alarm switch and signal light so alarming switch can be spotted from distance. Standard product's contact structure is 2NO+2NC. The switch body can be mounted vertically or horizontally.

All models designed according to relevant UL and CE standards.

We recommend tested and approved KBT Connection Equipment for installation.



Technical Specifications

- Enclosure: Aluminium Casting
- Rating: 125/250 VAC 15 A | 30 VDC 6 A, 14 VDC 15 A
- Output: 2x SPDT (stop), optional 4x SPDT
- Cable Entry: 3x 3/4" NPT (2x 3/4" NPT for signal light versions), optional M20
- Temperature Rating: -45°C to +80°C
- Contact Angle: 25°
- Rope Length: 2 x 50 metres
- Protection Class: NEMA 4X, IP66
- Enclosure Color: Yellow (RAL 1012)
- Weight: 2.6 kg
- Mounting Orientation: Can be mounted horizontally or vertically.
- Impact Rating: IK09 (EN 62262)
- Warranty Period: 24 Months

Options

- ATEX Zone 21 / Zone 22
- Bus Security Interface
- Custom Contact Angles
- Mounting Bracket

Safety Standards

Electrical Safety	UL 508
	EN 60947
Mechanical Safety	EN 60204
Outdoor Safety	EN 60529
Impact Resistance	EN 62262

Certificates

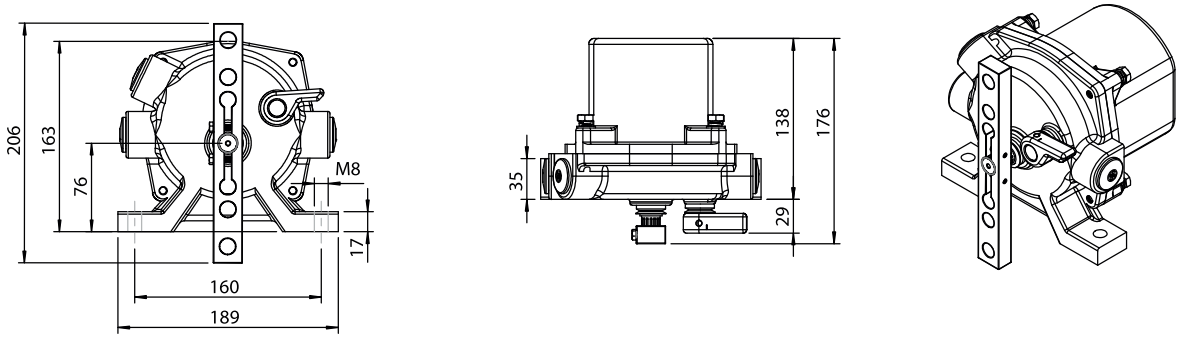
(E531401) (optional)

Spare Parts

Model	Features
Z-15GW22-B	1NO+1NC Switch
122.R1.1242	M25x1,5 Cable Gland
122.R1.1241	Blind Plug
BA-33	Mounting Bracket (Can be made in custom dimensions)
166.G1.1130	Enclosure
166.KL1.1625	Rope Connection Arm
166.RM1.1618	Reset Lever

Please refer to the manual for instructions. See our KBT Accessories catalog for installation equipment.

Technical Drawing



Dimensions are in mm.