Model NSR66-PR Pull Cord Switches

Specifications

The Model NSR66-PR Pull Cord Switches are conveyor safety accessories designed to in-terlock with conveyor shutdown systems in the event of maintenance or emergency.The robust die cast aluminum housing with epoxy based powder finish and all stainless steel hardware makes them suitable for most heavy industrial applications.The micro switch used in the products is approved by VDE. All products are produced as accordance with CE standards. Also It meets EAC standards for the Russian market.The Model NSR66-PR is designed to shutdown a conveyor system, in the event of an emergency or maintenance. When force is applied to thecable, the actuator arm rotates and locks in the alarm position. This activates two 2 SPDT micro switches and the manual lock out. The switch can be reset by pressing down on thearm and releasing the manual reset lever. Pull cord switches are mounted on the walkway side or anywhere a person can access the moving parts of a conveyor.The switches are connected by a safety cable which runs between the switch arms and can either be attached to the outer hole 6,80 Kg pull force or the second inner hole 11,34 Kg pull force. The cables are secured by cable clamps after it is looped through the switch hole. The ends of the cable can either be a switch or a conveyor eye bolt secured with a clamp. To prevent the pull cable from sagging, conveyor standoff (eye bolts) are mounted every 3 meter.The distance between switches is dependent on the variations in temperature of the environment which will cause the cable to expand and contract making sags between the cable stand-offs. Normal spacing based on a temperature of 60°C is maximum distance of 45 Meters on inclined conveyors and 60 Meters on horizontal conveyors.Although indoor environments can be up to 90 Meters and extreme environments should be 30 Meters.

Technicial Specifications

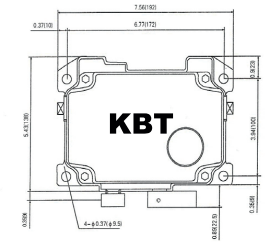
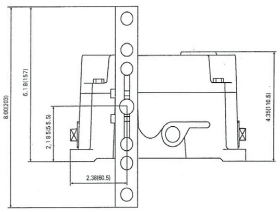
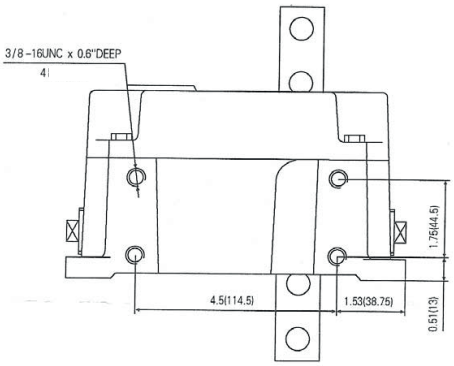
- Enclosure : Aluminum Casting NEMA-4
- Micro Switch Values : 15A @ 115-230 VAC, 30 VDC
- Output Signal : (2) SPDT shutdown (Alarm,Closure)
- Cable Entry : 2xM25
- Movement Angle : 25°
- Temperature Rating : -42°- +80°C
- Mounting Structure : It is suitable for double-sided use.
- Protection Class : IP67

Applications

Convensional Conveyor Belts
Piston Conveyors
Shuttle Conveyors
Ship Loading / Unloading Systems
Stockplile / Reclaim Systems
Crawler Conveyors
Heavy Duty Applications

Approvals for Safety:

Electrical Safety	IEC 60204-1: 2005-10
	IEC 60947-1: 2004-03
Mechanical Safety	IEC 60204-1: 2005-10
Functional Safety	IEC 60204-1: 2005-10
Outdoor/Noise/Vibration	IEC 60529: 2001-02
Certificate	CE

Product Image

Dimensions