

Techsense Bangladesh Ltd

Limit Switch(Thermoplastic roller lever, side actuation) Code : CZE-00-CI Plastic Version

A limit switch is an electromechanical device that consists of an actuator mechanically linked to a set of contacts. For limit switches with lever actuators, the actuating force should be applied as nearly perpendicular to the lever as practical and perpendicular to the shaft axis about which the lever rotates. When an object comes into contact with the actuator, the device operates the contacts to make or break an electrical connection. They are used for controlling machinery as part of a control system.

General Attributes

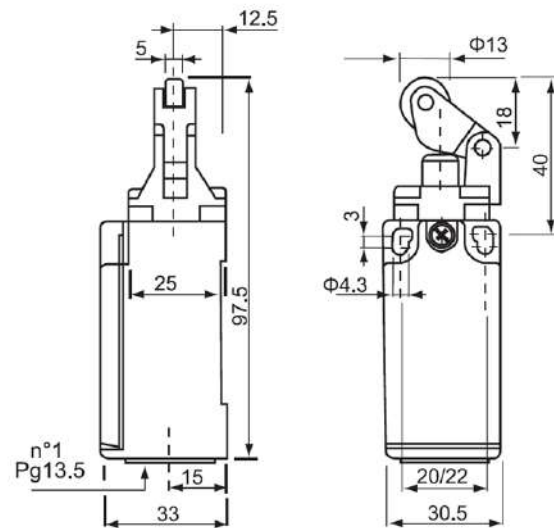
- Operating frequency : 1 Hz
- Insulation resistance : 100 M Ω
- Dielectric strength : 2500 V AC
- Rated insulation voltage : 500 V AC
- Rated thermal current : 10 A
- Contact resistance : 25 M Ω
- Short circuit protective devices : 10 A
- Rated conditionals short circuit current : 100 A
- Mechanical life : 15.000.000 cycles min
- Distance between contacts : snap action type 2x1, 25 mm
low action type 2x2 mm
- Connector size : Standard M20x1.5
- Contact block : 1 NO+1 NC fast action
- Terminals Material : Steel class 8.8/Galvanized
- Terminals type : Screw with combined notch and retractable plate

Application Notes

As a safety interlocks, detection of presence or absence, passing, positioning, and end of travel of an object.

Injection molding machinery, PLC interface, machine tool equipment, elevators, escalators and moving stairs, gaming machines, material handling, packaging and textile equipment, food and beverage machinery, industrial doors, scissor and platform lifts, electronic assembly equipment.

Presence/absence detection where physical contact with an object is permissible, such as overhead cranes and hoists, packaging and earth moving equipment, stamping machines, conveyors, surface transportation and textile machinery, printing equipment and farm machinery.



Wiring Diagram

For further information please visit : <https://goo.gl/13zT1E>

