

Jayashree Electron Pvt. Ltd.

An ISO 9001:2000 company

EL-34, J Block, MIDC, Bhosari, Pune - 411 026 (M. S.) India.

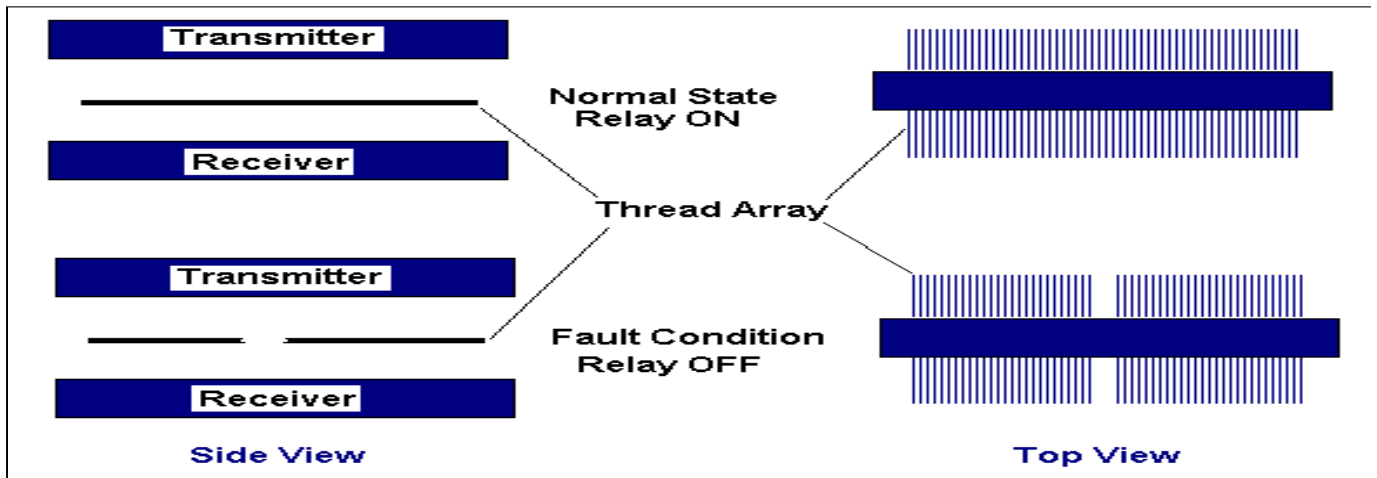
Tel. : +91-20-2712 1295 / 3068 1343 Fax: +91-20-3068 1357

Web : www.jayashree.co.in / www.jayashreesensors.com

Email: sales@jayashree.co.in



Yarn Breakage Monitor



PR 6066-MP is precision equipment designed to sense breakage of fine threads spread over a specified width. The breakage is sensed of the threads which are in linear motion. The equipment consists of 2 major parts viz. Contoller Unit and Sensor Modules in the form of Infra-Red light barrier. User friendly installation is possible due to associated cor-connector set.

The Controller Unit is Manufactured in Plastic enclosure measuring 180 x 85 x 85 dimensions. It has two functional adjustments, Delay and Sensitivity. It also has two LED indicators, one for Relay Status and another for Supply Status indication. It is suitable for mounting at a remote point inside a control panel. It is a projection (wall) mounting type unit. Suitable terminals are provided for connecting the cables going to sensor array.

The Sensor Modules consist of a pair of Infra-red transmitter / receiver sensor array, which are mounted in a robust Aluminium enclosure with a special toughened glass suitable to withstand high temperature, humidity and vapours. The sensor assembly is modular in construction. The transmitter and receiver are provided with a suitable mounting arrangement for mounting above and below the thread fabric. The power to sensors and the alarm signal from sensor is connected to the control unit via a special grade circular connector.

There are two sets Cord-Connector sets. One set, for connection of Transmitter Unit with Controller unit, consists of 4-wire cable and 4-pin connector. Refer view "Y" of G. A. drawing for connection sequence and details. Another set, for connection of Receiver unit with Controller unit, consists of 3-wire cable and 3-pin connector. Refer view "X" of G. A. drawing for connection sequence and details.

This unit is very useful in Textile mills where minute process fault results in heavy financial losses. With this unit and precision sensor associated with it, it is now possible to detect the faults early in process and losses can now be avoided.

