

Fibre Continuity Relay - Product Data



For more information,
Contact sales@pyroptic.com

Description

PyrOptic is a temperature alarm system consisting of a continuous optical fibre threaded through thermal actuators called PyrOnodes. If a PyrOnode reaches its operation temperature the optical path is broken providing instant feedback of the developing issue. Optical continuity is monitored by an electronic relay or visually checked on a routine basis.

Features

Fibre optic amplifiers are extensively used in industrial automation systems and manufactured by well known brands such as Omron, Honeywell, Keyence, Takex, Pepperl Fuchs and RIKO. They are an economical, mass produced product eliminating reliance on specific vendors. One relay is required per PyrOptic loop which may monitor anywhere from one to literally hundreds of connections!

Product Image



Specifications

| Feature | Information | Notes |
|---------------------|---|-----------------|
| Manufacturer | RiKO Opto-Electronics Tech | |
| Power Supply | 12 to 24 Vdc \pm 10% / 10% Ripple | |
| Control Output | PNP Open collector 100mA | |
| Display 1 (Red) | Received light level | Range 0 to 9999 |
| Display 2 (Green) | Threshold / Alarm level | Range 0 to 9700 |
| Wiring | 2m attached cable 4 Core/0.2mm ² | |
| Material | ABS | Black |
| Dimensions | W10 x L79 x H33mm | |
| Weight | 65g | |
| Ambient Temperature | -10 to +60°C | |
| Protection Rating | IP40 | |

All prices are subject to change and do not include GST

Pricing

| Order Code | Description | Qty. Cost 1 |
|------------|------------------------|-------------|
| BR301-P | Fibre Continuity Relay | \$110.00 ea |