

## Fibre Continuity Relay - Product Data



For more information,  
Contact [sales@pyroptic.com](mailto: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 <sup>2</sup>	
Material	ABS	Black
Dimensions	W10 x L79 x H33mm	
Weight	65g	
Ambient Temperature	-10 to +60°C	
Protection Rating	IP40	

Please contact PyrOptic sales for pricing - [sales@pyroptic.com](mailto:sales@pyroptic.com)

### Pricing

Order Code	Description	Qty. Cost
BR301-P	Fibre Continuity Relay	POA