

PyrOnode Thermal Actuator - Product Data



For more information,
Contact sales@pyroptic.com

Description

PyrOnode is the robust thermal actuator at the heart of PyrOptic Hot-Spot detection technology. Designed to provide reliable detection of failing electrical components and connections. PyrOnodes are attached to individual connections and monitored for activation by Plastic Fibre Optic (POF) that is severed when a PyrOnode reaches the activation temperature. After activation, PyrOnodes can be manually reset using our [PyrOreset](#) tool.

Applications

- Switchboards and switchgear
- Motors and generators
- Bus bars
- Transformers
- Bearings

Product Image



Specifications

Feature	Data	Notes
Body Material	Brass	
Seal Material	PTFE (Teflon)	
Expansion Medium	Polyethylene Wax	
Body Outer Diameter	6.35mm ± 0.05mm	
Body Overall Length	22.00mm ± 0.05mm	
Sensor Mass	3.4gms	
Maximum Fiber Diameter	1.0mm ± 0.1mm	
Installation Temperature	-40 ~ 200°C	No Physical Deterioration
Alarm Temperature (AT) Selection	70°C, 76°C, 82°C, 88°C, 94°C, 100°C, 106°C	Custom activation temperatures can be manufactured, please contact us to discuss your application
Alarm Accuracy	+/- 1.5°C	
Pre Alarm Grab Temperature	AT - 4°C (maximum)	Temperature below the Alarm Temperature at which the POF begins to be damaged

Please contact PyrOptic sales for pricing - sales@pyroptic.com

Pricing

Order Code	Description	Price (AUD)*
PYR-XXX XXX = 070, 076, 082, 088, 094, 100 and 106 (°C)	PyrOnode pack size 6,12 & 100	POA

*Prices are subject to change and exclude GST