PyrOnode Thermal Actuator - Product Data

PyrOptic

For more information,
Contact sales@pyroptic.com

Description

A PyrOnode is a patent pending thermal actuator designed to cut a plastic optical fibre core at a specific temperature. After activation, PyrOnodes can be manually reset using our PyrOreset tool.

Features	Product Image
● Switchboards and switchgear ● Motors and generators ● Bus bars ● Transformers ● Fire detection ● Bearings ● Low probability, high consequence events	

Specifications

Feature	Data	Notes
Body Material	Brass	Custom material options
Cutter Material	Brass	Custom material options
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 ~ 110°C	No Physical Deterioration
Accuracy	+/- 1°C	Light cut off point. High optical loop attenuation (such as very long fiber loops) may cause monitoring relays to see activations earlier than the rated PyrOnode temperature.

Pricing

Order Code	Description	Price (AUD)*
PYR12-XXX XXX = 076,082,088,092,094,100 and 105 (°C)^	PyrOnode pack size 12,	$420
PYR100-XXX XXX = 076,082,088,092,094,100 and 105 (°C)^	PyrOnode pack size 100#, (15% Discount)	$2,975

*Prices are subject to change and exclude GST

^Typical, other activation temperatures can be provided on request.

#Contact us for pricing on larger volumes