

Mechanical mini-thermostat for frost protection or temperature maintenance applications in non-hazardous area.

**Mechanical Temperature Controller non-Ex**



- Robust and compact design
- 16A/230V AC switching capacity
- Protection class IP66/68
- Narrow switching hysteresis
- Various temperature ranges available
- Customized lead length available

## Description

This Mini-Thermostat is used to monitor the ambient temperature of heating systems as well as for the control of internal temperatures inside protective transmitter boxes or control and switchgear cabinets.

The switching contact is moulded in a M20x1,5 cable gland. Due to the compact design it is suitable for many applications. It is complete with a nylon locknut for securing in clearance hole.

The IRM1 thermostat is available with different switching points or customized lead lengths.



## Technical Data

Rated Voltage:	max. 250V AC
Rated Current:	max. 16A AC
Switching Contacts:	1x NC
Switching Points:	4°C On; 11°C Off
Switching Tolerance:	+/- 3K
Cable Gland:	M20x1,5
Material:	PVDF
Dimensions:	L: 30mm x Ø: 22mm
Across Flats:	24mm
Connection Leads:	2x 1,5mm <sup>2</sup>
Material:	Radox 125
Length:	400mm/1000mm (further lengths upon request)
Protection Class:	IP66/68
Ambient Temperature:	-50 / +125°C
Weight:	50g

## Ordering Information

Part number:	
IRM1/400:	Mini-Thermostat 4/11°C On/Off with 400mm connection leads
IRM1/1000:	Mini-Thermostat 4/11°C On/Off with 1000m connection leads

Further temperature ranges and lead lengths available upon request.

## Alternative Products

Part number:	
IRM1 AG:	I with 80x80x52mm enclosure
IRM2Ex/400:	I Ex Mini-Thermostat
IRMI b:	25A control thermostat (adjustable)
IR2MI Ex:	Ex control thermostat (adjustable)
IRE168DS:	Electronic temperature controller (see datasheet)

## Further Products

Part number:	
MW 3:	L-shaped mounting bracket