



- Compact design
- Switching capacity 25A
- Protection class IP66
- Very rugged design
- Resistant to aggressive environment

## Description

The controllers of the IRM-series are mechanical capillary tube line-sensing thermostats.

The black glass fiber reinforced polyester enclosure is very rugged and can be used to connect self-limiting- and single core heating cable.

The controller can be used for a switching capacity up to 25A. It switches off when reaching the set temperature.



## Technical Data

IRM...                      040b                      0200b                      70320b

Temperature range (°C)	0..40	0..200	70..320
Rating voltage (V AC)	250	250	250
Rating current (A)	25	25	25
Switching difference (K)	ca. 3	ca.5	ca.7
Max. sensor temperature (°C)	45	230	350
Protection class	IP66	IP66	IP66
Capillary tube length (mm)	1600	1500	1500
Sensor dimensions (mm)	5.8/126	3.0/179	3.0/135
Dimensions LxWxH (in mm)	122x120x90	122x120x90	122x120x90
Glands M25	1x	1x	1x
Glands M20	2x	2x	2x
Cross section (mm <sup>2</sup> )	4	4	4
Weight (kg)	1.2	1.2	1.2

## Ordering Information

Part number:  
 IRM040b:            0°C..+40°C  
 IRM0200b:        0°C..+200°C  
 IRM70320b:       +70°C..+320°C

## Alternative Products

Mechanical Ex-capillary thermostat.

Part number:  
 IR2M-2050Ex:     -20°C..+50°C  
 IR2M0012Ex:     0°C..+120°C  
 IR2M0019Ex:     0°C..+190°C  
 IR2M0630Ex:     +60°C..+300°C  
 IR2M1450Ex:     +140°C..+500°C

## Further Information

Please consult the installation instructions!