

# IRM...b

Mechanical capillary tube thermostat for use in non-hazardous area.

## Mechanical Controller non Ex

- Compact design
- Very rugged
- Switching capacity 25A
- Resistant against aggressive environment
- Protection class IP65

### Description

The controllers of the IRM-series are mechanical capillary tube thermostats. The black glass fibre 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 after the set temperature was reached.



### Specification

IRM...	040b	0200b	50320b
Temperature range (°C)	0..40	0..200	50..320
Rating Voltage (VAC)	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	IP65	IP65	IP65
Capillary tube length (mm)	1600	1600	1600
Sensor dimensions (mm)	5,8/126	3,0/179	3,0/179
Dimensions LxWxH (mm)	122x120 x90	122x120 x90	122x120 x90
Glands M25	1x	1x	1x
Glands M20	2x	2x	2x
Cross section (mm <sup>2</sup> )	2,5	2,5	2,5
Weight (kg)	1,2	1,2	1,2

### Order information

Part number:

IRM040b: 0°C..+40°C  
IRM0200b: 0°C..+200°C  
IRM50320b: 50°C..+320°C

### Alternative products

Mechanical Ex-Capillary Thermostat.

Part number:

IRM-2050Ex -20°C..+50°C  
IRM0120Ex: 0°C..+120°C  
IRM0200Ex: 0°C..+200°C  
IRM50300Ex: +50°C..+300°C  
IRM20500Ex: +20°C..+500°C

### Further information

Please consult the installation instructions!

