

# IRM1Ex/AG / IRM2Ex/AG



Thermostat in enclosure for use in hazardous area.

Mechanical Controller Ex



- Compact design
- For up to 2 heating circuits
- 16A switching capacity
- Narrow switching hysteresis
- Protection class IP66

## Description

The IRM\_Ex/AG features a bimetallic, compact design, combined with a high switching capacity.

It is appropriate for frost protection applications with heating tape or heating plates.

The thermostat is molded in a M20 thread which is installed in a glass fiber reinforced polyester enclosure.

You can connect up to 2 heating circuits on this pre-wired case.



## Technical Data

|                           |                          |
|---------------------------|--------------------------|
| Rated Voltage:            | 250V AC                  |
| Switching Capacity:       | 16A                      |
| Switching Points:         | On 4°C<br>Off 11°C       |
| Switching Hysteresis:     | +/- 3K                   |
| Min. Ambient Temperature: | -55°C                    |
| Max. Ambient Temperature: | +40°C (T6)<br>+50°C (T5) |
| Protection Class:         | IP66                     |
| Dimensions (LxWxH in mm): | 122 x 122 x 90           |
| Cable Glands:             | 2x M20, 1x M25           |

## Approval

ATEX, IECEx, EAC

## Ordering Information

|   |            |
|---|------------|
|   | IRM1 Ex/AG |
| Mechanical Controller                   | _____      |
| Thermostat with plastic cable gland (1) | _____      |
| Thermostat with metal cable gland (2)   | _____      |
| Ex-design                               | _____      |
| In the adapter housing                  | _____      |

## Further Information

Please consult the installation instructions!