

# THERMOSTATS

## ADJUSTABLE-THERMOSTAT-IP54



- ▶ Changeover contact for heating or cooling operation
- ▶ Small switching accuracy
- ▶ Robust housing with IP54 protection rating
- ▶ Easy installation and operation
- ▶ Reliable temperature control for industrial applications

REGULATING



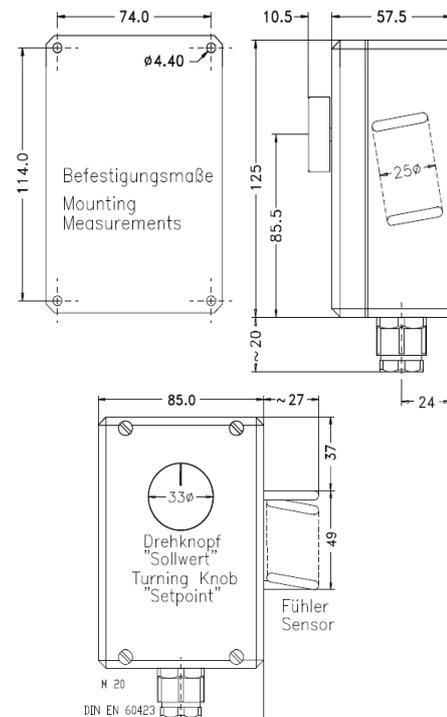
The IP54 thermostat is a versatile temperature controller designed to regulate heating and cooling systems in industrial applications. The integrated changeover contact allows the same thermostat to be used for both heating and cooling systems. The desired switching temperature can be individually adjusted, enabling precise adaptation to varying environmental conditions.

The robust housing with IP54 protection offers reliable protection against harmful amounts of dust and against water splashes from all directions, making it ideally suited for use in industrial environments.

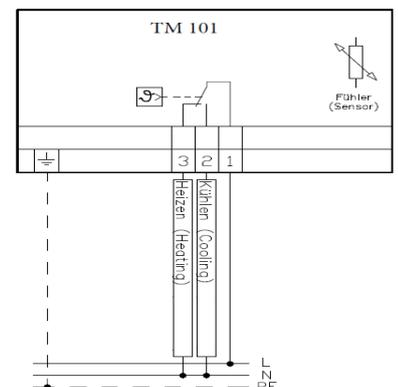
### TECHNICAL DATA

|                                     |  |
|-------------------------------------|--|
| <b>Art.-No.</b>                     | <b>TM 101</b>  |
| <b>Switching contact</b>            | Changeover switch  |
| <b>Adjustable range Temperature</b> | 0°C to +40°C   |
| <b>Switching accuracy</b>           | ± 0,75K  |
| <b>Sensor element</b>               | Capillary tube   |
| <b>Dimensions (H x W x D)</b>       | 112x68x145mm   |
| <b>Protection type</b>              | IP54   |
| <b>Protection class</b>             | I (Protective grounding)   |
| <b>Storage temperature</b>          | -20°C to +50°C   |
| <b>Operating temperature</b>        | 0°C to +40°C   |
| <b>Mounting connection</b>          | Wall mounting  |
| <b>Type of connection</b>           | Screw terminals  |
| <b>Housing material</b>             | Plastic housing, Grey  |
| <b>Switching capacity</b>           | Terminal 1+3: max. 250V AC / 16 (4)A; max. 400V AC / 10 (4)A<br>Terminal 1+2: max. 250V AC / 8 (4)A; max. 400V AC / 4 (2)A |
| <b>Certifications</b>               | CE   |

### TECHNICAL DRAWING (SPECIFICATION IN MM)



### WIRING DIAGRAMM



STATUS: 03|2026

The information on this datasheet contains descriptions and performance characteristics that may not always apply in the specific use case described or may change due to product development. The desired performance characteristics are only binding if expressly agreed upon at the time of contract conclusion. The mentioned technical data has been determined under laboratory conditions according to generally accepted testing procedures. Only to this extent are properties assured. The examination of suitability for the intended purpose or use under operating conditions lies with the customer. We do not provide any warranty for this. Errors, availability, and technical changes are subject to change without notice.