

# TIM-ABS

Thermomanometers

## Technical Data Sheet



## Description

Plastic case centre back entry. For water heating systems, boilers, pools and spas.



### TIM-ABS 63

DN63 thermomanometers.

| Part No    | Pressure Range | Temperature | Connection | Options | Box/Master | Min. order |
|------------|----------------|-------------|------------|---------|------------|------------|
|            | 0-2.5 bar      | 0-120°C     | G1/2B      |         | 1/50       | 50         |
| PN3204BD01 | 0-4 bar        | 0-120°C     | G1/2B      | LF      | 1/50       | 50         |
| PN3206VD03 | 0-6 bar        | 0-120°C     | G1/2B      | LF      | 1/50       | 50         |



### TIM-ABS 80

DN80 pressure gauges.

| Part No    | Pressure Range | Temperature | Connection | Options* | Box/Master | Min. order |
|------------|----------------|-------------|------------|----------|------------|------------|
| PN4203BD02 | 0-2.5 bar      | 0-120°C     | G1/2B      | LF       | 1/50       | 1          |
| PN4204BD12 | 0-4 bar        | 0-120°C     | G1/2B      | LF       | 1/50       | 1          |
| PN4206BD05 | 0-6 bar        | 0-120°C     | G1/2B      | LF       | 1/50       | 1          |
| PN4210BD00 | 0-10 bar       | 0-120°C     | G1/2B      | LF       | 1/50       | 1          |

#### \*Options included

LF = Fimet Watts logo on the dial

## Customizations per minimum order quantity

| Customizations   | Model         |
|--|---------------|
| Customized dials, connections, other scale ranges on request | TIM-ABS 63/80 |

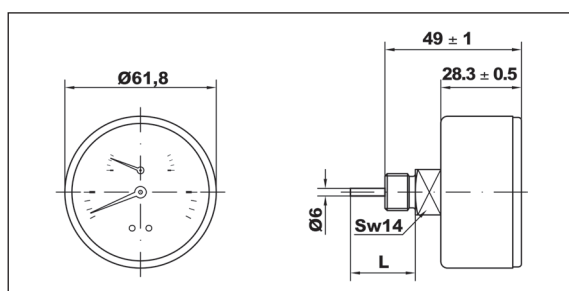
## Features

| Materials           |  |
|---------------------|--|
| Case                | Black plastic                                  |
| Window              | Clear plastic with adjustable red mark pointer |
| Dial                | Aluminium white                                |
| Pointer             | Black plastic                                  |
| Pressure connection | Cu-alloy, 14 mm flats                          |
| Pressure element    | Bourdon tube Cu-alloy soft soldered, C-type    |
| Movement            | Cu-alloy                                       |
| Temperature element | Bimetal spiralled                              |
| Automatic valve     | Brass - polypropylene combination, 21 mm flats |

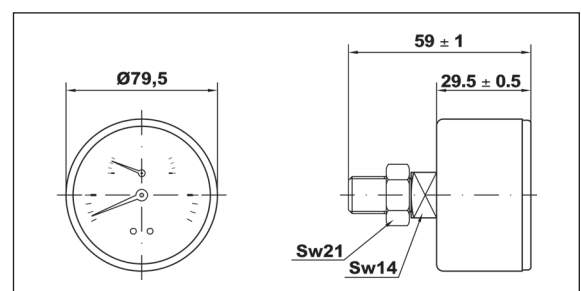
| Technical features   |   |
|----------------------|---|
| Design               | EN 837-1 and EN 13190   |
| Working pressure     | Steady: 75 % of full scale value<br>Fluctuating: not applicable<br>Short time: full scale value |
| Temperature limits   | Ambient: -5 ... +60°C<br>Medium: +120°C maximum<br>Storage: -20 ... +60°C                       |
| Temperature effect   | For pressure only: deviation from reference temperature (+20°C):<br>±0,04%/1K of the span       |
| Accuracy class       | cl. 2.5 (Pressure), cl. 2 (Temperature)   |
| Degree of protection | IP 31 for EN 60 529 / IEC 529   |
| Individual weight.   |   |
| TIM-ABS 63           | 0.125 kg  |
| TIM-ABS 80           | 0.165 kg  |

## Overall dimensions (mm)

### TIM-ABS 63



### TIM-ABS 80



## Specification text

Thermomanometers **Series TIM-ABS**, Watts brand, for water heating systems, boilers, pools and spas. Plastic case DN 63-80 back connection. Measures range at medium pressure from 2,5 up to 10 bar. Temperature limits + 120°C. Accuracy class 2.5 (pressure) - cl 2.0 (temperature). **Compliant with EN 837-1 (pressure) EN-13190 (temperature)**



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