

TIRM-ABS

Thermomanometers

Technical Data Sheet



Description

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



TIRM-ABS 80

DN80 thermomanometers.

| Part No | Pressure Range | Temperature | Connection | Options* | Box/Master | Min. order |
|------------|----------------|-------------|------------|----------|------------|------------|
| PL4203VD01 | 0-2.5 bar | 0-120°C | G1/2B | LF | 1/50 | 1 |
| PL4204BD03 | 0-4 bar | 0-120°C | G1/2B | LF | 1/50 | 1 |
| PL4206BD03 | 0-6 bar | 0-120°C | G1/2B | LF | 1/50 | 1 |

*Options included

LF = Finet Watts logo on the dial

Customizations per minimum order quantity

| Customizations | Model |
|--|-------------|
| Customized dials, connections, other scale ranges on request | TIRM-ABS 80 |

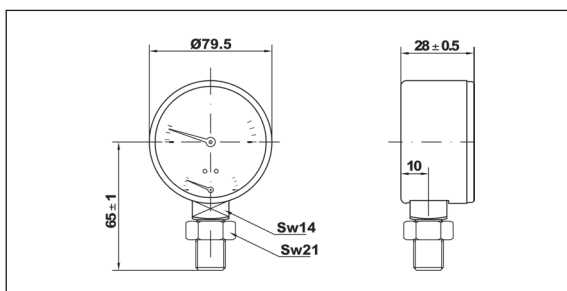
Features

| 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 |
| Working pressure | Steady: 75% of full scale value Fluctuating: not applicable Short time: full scale value |
| Temperature limits | Ambient: -5 ... +60°C Medium: +120°C maximum Storage: -20 ... +60°C |
| Temperature effect | For pressure only: deviation from reference temperature (+20°C): ±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 | 0.135 kg |

Overall dimensions (mm)

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Specification text

Thermomanometers **Series TIRM-ABS**, Watts brand, for water heating systems, boilers, pools and spas. Plastic case DN 80 bottom connection. Measures range at medium pressure from 2,5 up to 6 bar (pressure) – 120°C 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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