

TIRM-ABS

Thermomanometers

Technical Data Sheet



WattsWater.eu

WATTS[®]

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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 = Fimet Watts logo on the dial

Customizations per minimum order quantity

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



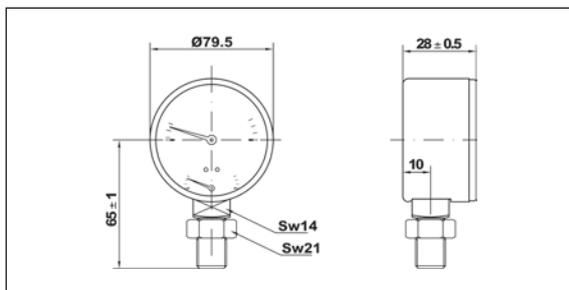
Features

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)

TIRM-ABS 80



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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