

Rigid Stem Thermometer

Type A79 – Front Line

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Sheet No.: 3-32GB



Rigid Stem thermometer for high temperature, DN80 and DN100

- Exhaust thermometer
- All stainless steel
- Robust construction
- Resistant to vibrations, corrosion, wear and tear
- Stem bottom or rear
- Good accuracy, class 1
- Silicone oil filled
- Ambient temperature 100°C (212°F)
(Option: 140°C (285°F))

Application

TEMPRESS gas filled thermometers, type A79 are designed to measure high temperatures. The solid construction makes the thermometer well suited as exhaust thermometer on diesel engines with a good resistance to strong vibrations.

A79 tolerates an ambient temperature of 100°C (option: 140°C). The influence of the ambient temperature on the measuring result within these temperatures is compensated for in the construction.

The filling medium is a 100% environmentally friendly inert gas.

The thermometer is normally installed by means of a compression connector (nipple, union or thermowell). This secures a great flexibility as the immersion length can easily be adjusted as desired. A fixed union with welded retaining ring is also possible.

Each and every thermometer has been manufactured with great care and is hand calibrated. The high quality of TEMPRESS instruments is your guarantee for an instrument with great accuracy, long life and mechanical duration.

Specifications

DN 80	Type: A7902
DN 100	Type: A7903
Material case Front ring Window	AISI 304, natural AISI 316, natural Toughened glass
Imm. Tube direction/ Material	Bottom or rear (6'clock) AISI 316 AISI 321/AISI 310
Diameter Length	13 (.51"), 12 (.47"), 10 (.39") Min. L140 (5.5") Max. L560 (22")
Neck material Length	AISI 316 / AISI 321 Min. 50 mm 1.97" Max. 200 mm 7.87"
Connection: Material Union	Brass or AISI 316 (fixed) G1/2 (1/2" BSP), G3/4 (3/4" BSP)
Measuring range	0-550°C, 0-600°C, +50+650°C,
Accuracy	Class 1, acc. to EN13190
Ambient temperature	-40...+100°C(-40...+212°F) Option:-40...+140°C (-40...+285°F)
Enclosure	IP 68 (10 mH ₂ O) (33"H ₂ O)

TEMPRESS reserves the right to changes without notice

Agent/Dealer:



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DN	A	B	C	D	F
80	88	43	38	25	17
100	108	45	48	25	17

RECOMMENDED NECK LENGTH		
STEM	DN80	DN100
Ø10	70..120	70..120
Ø12	70..160	70..140
Ø13	55..200	55..150

