Type A79 - From	/pe A79 – Front Line		
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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 wellsuited 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.

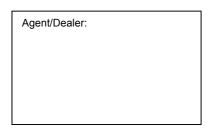
The filling medium is a 100% environmentally friendly inert gas.

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.

0 '5 '			
Specifications			
DN 80	Type: A7902		
DN 100	Type: A7903		
Material case	AISI 304, natural		
Front ring	AISI 316, natural		
Window	Toughened glass		
Imm. Tube			
direction/	Bottom or rear (6'clock)		
Material	AISI 316 AISI 321/AISÍ		
	310		
Diameter	13 (.51"), 12 (.47"), 10 (.39")		
Length	Min. L140 (5,5")		
	Max. L560 (22")		
Neck material	AISI 316 / AISÍ 321		
Length	Min. 50 mm 1.97"		
	мах. 200 mm 7.87"		
Connection:			
Material	Brass or AISI 316 (fixed)		
Union	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	-40+100°C(-40+212°F)		
temperature	Option:-40+140°C		
	(-40+285°F)		
Enclosure	IP 68 (10 mH2O) (33'H2O)		

TEMPRESS reserves the right to changes without notice





TEMPRESS A/S

Nordlandsvej 64-66 DK-8240 Risskov, Denmark Tel.: +45 8932 5210 Fax.: +45 8932 5213 sales@tempress.dk

www.tempress.dk

DN	Α	В	С	D	F
80	88	43	38	25	17
100	108	45	48	25	17

RECOM	RECOMMENDED NECK LENGTH					
STEM	DN80	DN100				
Ø10	70120	70120				
Ø12	70160	70140				
Ø13	55200	55150				

