

PRESSURE GAUGES FOR FIRE FIGHTING PUMPS WITH VERTICAL DIAPHRAGM



DRUCK & TEMPERATUR


Nominal size NS 80

Connection position centric back

Applications: Pumps on fire extinguishers
portable pumps

These pressure gauges are able to cope with pressure surges and vibrations. Furthermore, they are insensitive to sudden pressure relief or destruction of the vacuum and have a high overpressure safety.



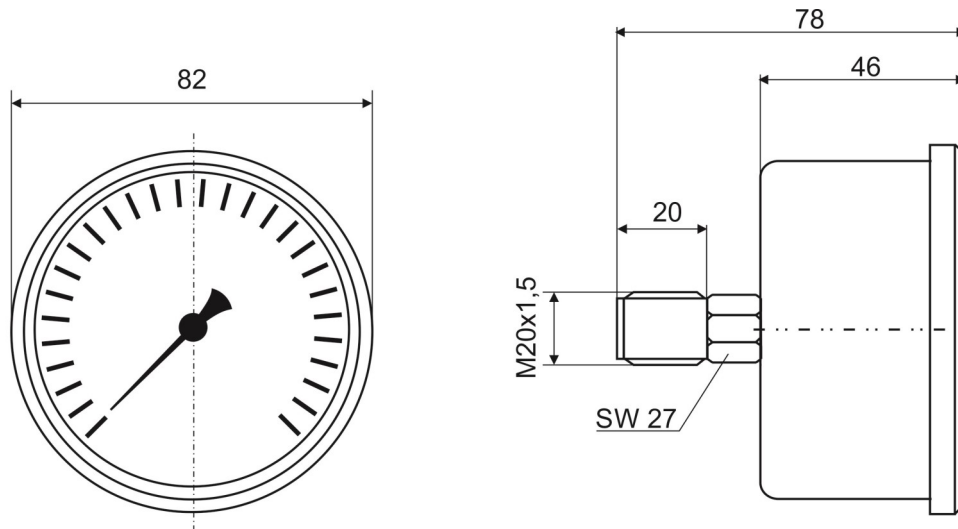
Type	1589	Options
Nominal diameter	80	
Symbol		
Accuracy class	2,5 acc. to DIN 14 421 and EN 837-3	
Measuring ranges	0...25 bar or -1...24 bar	
Applications	Constant load: full of scale value Alternating load: 90% of full scale value Overload (short-time): 1,3 x full scale value	
Case	Slip ring, stainless steel polished	Crimped-on ring
Process connection	M20 x 1,5, brass	G1/2B, 1/2"NPT, others on request
Connection position	Centric back	
Diaphragm	Vertical, CuBe	
Sealing	O-Ring NBR	
Movement	Brass / German Silver	
Window	Acrylic glass	Instrumental glass
Dial	Aluminium white, scale/lettering black and red	Special scales
Pointer	Aluminium black	
Protection class	IP54 acc. to EN 60529	
Temperature resistance	Storage temperature: -40°C up to +70°C Ambient temperature: -20°C up to +60°C Medium temperature: max. +60°C	
Temperature effect	Reference temperature 20°C; in accordance to EN 837-3 the temp. drift can be up to ±0,8% of the span per 10 K	
Mounting		Front flange or bracket mounting
Case filling		Glycerine filling - only with crimped-on ring case and vertical installation
Lighting		1 x 24V BA9s light bulb
Weight	approx. 0,650 kg without filling / mounting material	

Type 1589

Dimensional drawing

Dimensions in mm

without mounting device



with front flange

