

AISI 304 stainless steel case digital pressure gauges, parts in contact with the process in AISI 304 stainless steel. or brass.

Suitable for applications on pneumatic / hydraulic plants, pumps, compressors and for calibration tests.

The durable stainless steel housing allows its flexible use across a wide range of applications and industries.

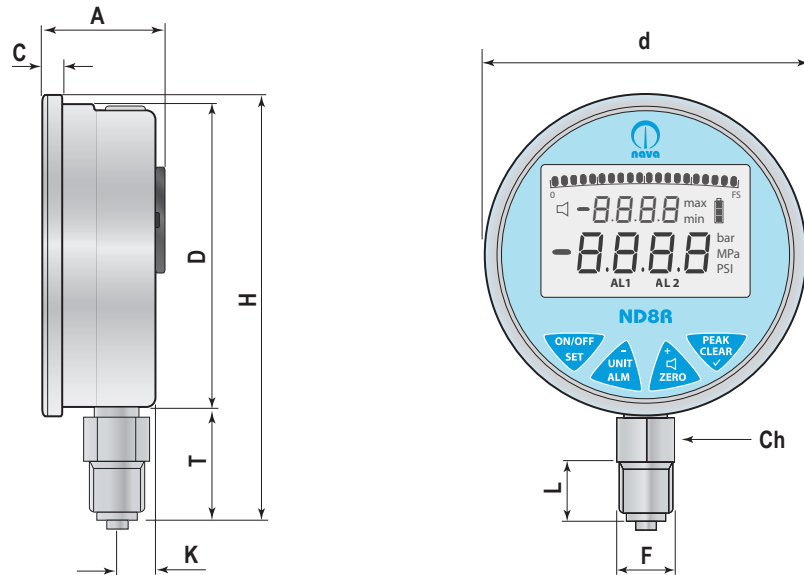
Electrical power supply (optional) is suitable for industrial processes and machineries installation where electricity is provided (saving battery life and extremely increasing the run time), even for calibration tests in laboratories.

Alarm functions (optional) give the instrument a great added value and the capability to keep plants under control where the gauge is installed.

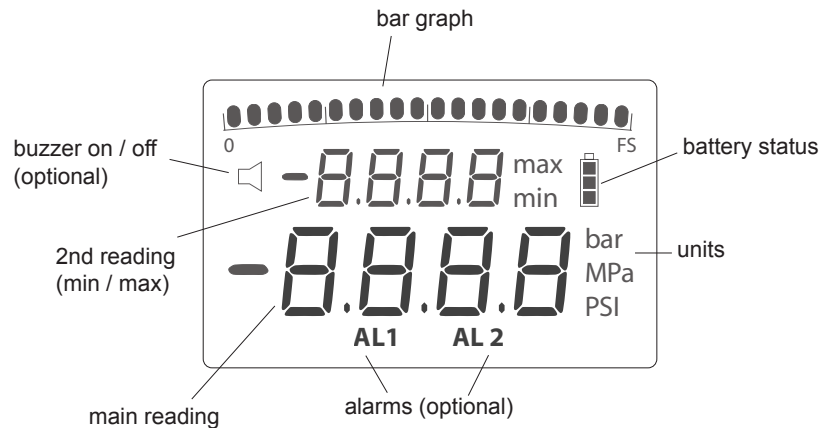
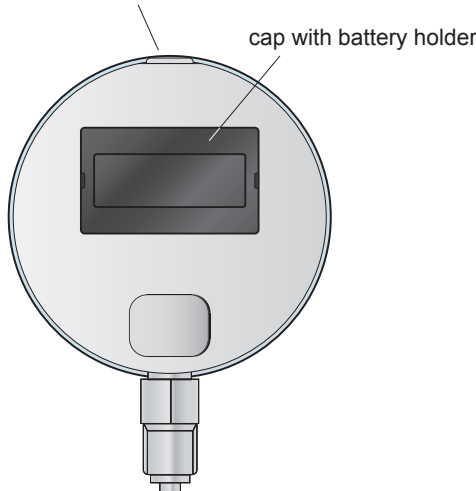
Digital display is the ideal solution for a fast and precise pressure reading with great accuracy.

The bar graph with its trailing pointer and the min/max peak reading enable a complete application analysis.

R-Type stem mounted, bottom connection



electrical power supply in +
alarm functions electrical outputs (optional)



Dimensions: mm	A	C	D	d	F	H	I	K	L	M	T	Ch	Weight
R-Type	35.5	6.5	80	86.2	1/4 BSP*	110		11	13		28	14	~ 232 g

*: other connections available on demand

Ordering Informations:

Type / Nominal Diameter / Pressure Range / Connection Type / Options

Modifications may take place and materials specified may be replaced by others without prior notice.
Specifications and dimensions given in this leaflet represent the state of engineering at the time of printing.



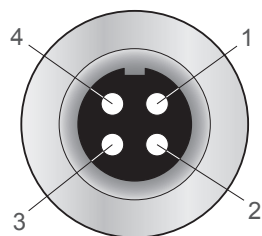
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Specifications

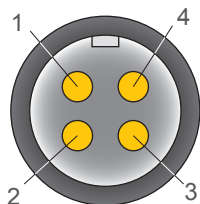
Pressure Ranges	<i>bar</i>	10	20	50	100	200	400	600	
Overpressure Safety	<i>bar</i>	15	30	75	150	300	600	900	
Pressure Ranges	<i>psi</i>	145	290	725	1450	2900	5800	8700	
Overpressure Safety	<i>psi</i>	217	435	1087	2175	4350	8700	13050	
Materials									
- Wetted Parts		AISI 316 Fully welded stainless steel							
Pressure Sensor		AISI 304 Stainless steel or brass							
Pressure Connection		AISI 304 Stainless steel							
- Case / Bezel Ring		AISI 304 Stainless steel							
Power Supply		1x 1/2 AA 3,6V Battery or Electrical supply 9V DC minimum (optional)							
On / Off Cycles	<i>nr.</i>	~ 4000 (Lithium battery 1/2 AA 1200mAh)							
Internal Sampling Rate	<i>ms</i>	50							
Insulation Voltage	<i>VDC</i>	500							
Display Accuracy	<i>% of span</i>	± 0.5 (Grade 2A according to ASME B40.100)							
Adjustability Zero	<i>% of span</i>	max. 10 (via Tare Cal function)							
Operating Temperature	<i>°C</i>	+0 ... +50 °C - LCD -							
Storage Temperature	<i>°C</i>	-10 ... +60 °C - LCD -							
Medium Temperature	<i>°C</i>	-10 ... +70 °C							
LCD Features		Main reading (-9999 ... 9999)				Secondary reading (-9999 ... 9999)			
Principle		7 segment LCD 4 digit floating point				7 segment LCD 4 digit floating point			
Digit Size	<i>mm</i>	11				7			
Bar Graph		Trailing pointer 20 segments							
Functions									
Memory		Min / Max							
Auto Power Off	<i>min</i>	2,5							
Tare Adjustment		via Tare Cal button function							
Units		bar, MPa, psi							
Alarms (optional)		2 programmable threshold MOS-Ch.N Vmax = 24V Imax = 0.4A output							
Weather Protection		IP 65 (according to EN 60 529 / IEC 529)							

POWER SUPPLY ELECTRICAL CONFIGURATION AND ALARM FUNCTIONS ELECTRICAL OUTPUTS CONFIGURATION (optional)

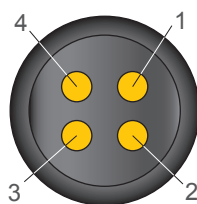
Wall mounted female connector (front view)



Male connector (front view)



Male connector (back view - pin soldering)



PIN #1: Electrical power supply (VDC +)
 PIN #2: Alarm output AL1 (min. pressure)
 PIN #3: Alarm output AL2 (max. pressure)
 PIN #4: Common 0V

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