

- 3 ½ digit LCD-display gauge
- 100mm stainless steel housing
- Ranges from 40 mbar to 250 bar
- Dry ceramic sensor
- Analog output: 0(4)...20 mA, 0...10 V
- Switch function PNP-N.O., max 50 mA
- Available with all popular process connections, suitable for use in the food- and pharmaceutical industry.



Digital gauge P 100

Technical data:

Range:	0...40 mbar to 0...250 bar
Output:	0(4)...20 mA, 0...10 V
Switch function:	DC PNP, max. 50 mA
Accuracy:	≤ ± 0,2% FS @ 25°C
Response time:	200 ms (others available on request)
Supply voltage:	19...30V DC
Ambient temperature:	0...60 °C
Fluid temperature:	-40...100 °C (125 °C < 0,5h)
Thermal drift:	≤ ± 0,015% FS/K (zero) ≤ ± 0,01% FS/K (span)
Long term stability:	≤ ± 0,15% FS p. a.
Bayonet case:	stainless steel, 1.4301, IP 65
Process connection:	see table
Sensor:	ceramic AL ₂ O ₃
Electrical connection:	4-pin plug, M12

Nöding

Meßtechnik

range	gauge	absolut	overload (bar)
0...40 mbar*	A8		- 0,3 / 4
0...60 mbar*	A9		- 0,3 / 4
0...100 mbar	00		- 0,3 / 4
0...160 mbar	01		- 1 / 5
0...200 mbar	B1	B2	- 1 / 5
0...250 mbar	02	27	- 1 / 5
0...0,4 bar	03	28	- 1 / 6
0...0,6 bar	04	29	- 1 / 10
0...1 bar	05	30	- 1 / 10
0...1,6 bar	06	31	- 1 / 15
0...2 bar	B3	B4	- 1 / 15
0...2,5 bar	07	32	- 1 / 15
0...4 bar	08	33	- 1 / 25
0...6 bar	09	34	- 1 / 40
0...10 bar	10	35	- 1 / 40
0...16 bar	11	36	- 1 / 40
0...20 bar	B5	B6	- 1 / 50
0...25 bar	12	37	- 1 / 60
0...40 bar	13	38	- 1 / 100
0...60 bar	14	39	- 1 / 150
0...100 bar	15	40	- 1 / 250
0...160 bar	16	41	- 1 / 400
0...250 bar	17	42	- 1 / 600
-100...0 mbar	C4		- 0,3 / 4
-100...100 mbar	C5		- 0,3 / 4
-200...0 mbar	D2		- 1 / 5
-200...200 mbar	D3		- 1 / 5
-1...1 bar	D6		- 1 / 10
-1...3 bar	D8		- 1 / 25
-1...9 bar	E1		- 1 / 40

* Global error 0,5% F.S. ± 1 digit ** On request

Output signal

- 1 0...10V 3-wire
- 2 0...20 mA 3-wire
- 3 4...20 mA 3-wire

Range

See table on the left
99 no standard range (on request)

Decimal points

- 0
- 1
- 2
- 3

Process connection and material

- 2 ½ - 14 NPT, 1.4404
- D G ½ A DIN 3852 1.4404
- 3 G ½ A DIN 16288 1.4404
- G G ½ A with 11,8 mm pressure port, 1.4404
- 4 G ½ A with G ¼ female, 1.4404
- F G 1A 1.4404
- M Dairy thread DN 25 DIN 11851, 1.4404
- 6 Dairy thread DN 32 DIN 11851, 1.4404
- 7 Dairy thread DN 40 DIN 11851, 1.4404
- K Dairy thread DN 40 aseptic, 1.4404
- N DRD flange DN 65, 1.4404
- J Varivent DN 68, 1.4404
- L Clamp DN 25/38/40 ISO 2852, 1.4404
- 9 other on request

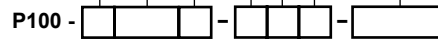
Sensor seal

- 1 FPM (Viton) Standard
- 2 NBR (Nitril)
- 3 EPDM
- 4 Fluor-Silicon
- 5 Kalrez
- 9 other on request

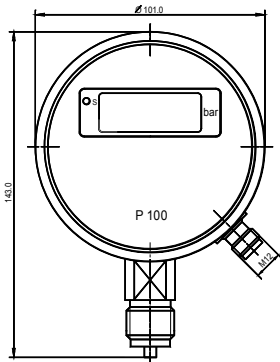
Switch function

- 0 without contact
- 1 min
- 2 max

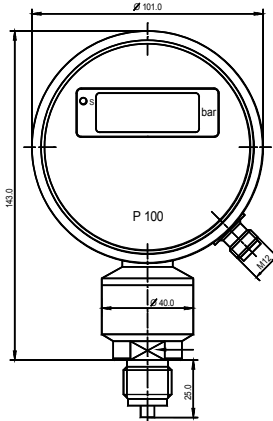
Limit value in clear text



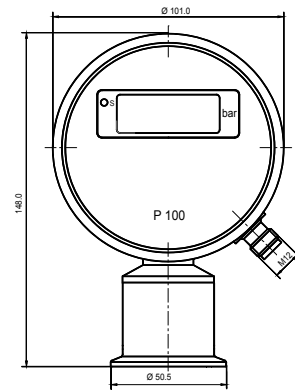
Dimensions (mm)



G ½ A
Ranges:
from 100 mbar to 250 bar



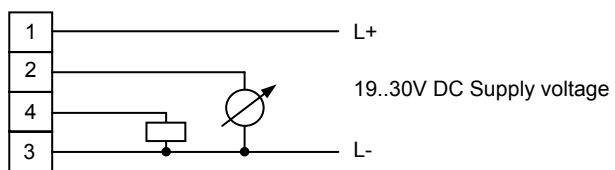
G ½ A
Ranges:
from 40 mbar to <100 mbar



Clamp DN 25-40
Ranges:
from 40 mbar to 40 bar

Electrical connections

M 12 Connector



Modifications reserved without notice, 02.10