

capsule pressure gauges DS 4", 6" (100-150mm)



PED 2014/68/UE

For measurement of low pressure and vacuum within the range -600...0 to 0...600 mbar, for use on gas and dry air.

2.09.1 - Standard Model MN9 DS 4" (100mm)

Design: EN 837-3.

Ranges: from 0...10 to 0...240 INWC (from 0...25 to 0...600 mbar), vacuum and combined vacuum/pressure (or equivalent units).

Accuracy class: 1.6 as per EN 837-3.

Ambient temperature: -13...+149 °F (-25...+65 °C).

Process fluid temperature: +149°F (+65 °C).

Working pressure: max 75% of FSV.

Over pressure limit: 25% of FSV.

Protection degree: IP 55 as per EN 60529/IEC 529.

Socket material: stainless steel.

Elastic element: copper alloy capsule.

Case: stainless steel.

Ring: stainless steel, bayonet lock.

Window: tempered glass.

Movement: copper alloy.

Dial: aluminium, white with black markings.

Pointer: aluminium.

Zero adjustment: internal, on dial.

2.10.1 - "All stainless steel" Model MN9/18 DS 4", 6" (100-150mm)

Ranges: from 0...10 to 0...240 INWC (from 0...25 to 0...600 mbar), vacuum and combined vacuum/pressure, or equivalent units for DS 4" (100mm);

from 0...1 to 0...240 INWC (from 0...2,5 to 0...600 mbar), vacuum and combined vacuum/pressure, or equivalent units for DS 6" (150mm).

Process fluid temperature: +212 °F (+100 °C).

Socket material: AISI 316L st.st.

Elastic element: AISI 316 Ti (1.4571) st.st. capsule.

Other features: as MN9 DS 4" (100mm).

0...2,5 mbar (1)
0...4 mbar (1)
0...6 mbar (1)
0...10 mbar (1)
0...16 mbar (1)
0...25 mbar
0...40 mbar
0...60 mbar
0...100 mbar
0...160 mbar
0...250 mbar
0...400 mbar
0...600 mbar

-2,5...0 mbar (1)
-4...0 mbar (1)
-6...0 mbar (1)
-10...0 mbar (1)
-16...0 mbar (1)
-25...0 mbar
-40...0 mbar
-60...0 mbar
-100...0 mbar
-160...0 mbar
-250...0 mbar
-400...0 mbar
-600...0 mbar

-1...1,5 mbar (1)
-1,5...1 mbar (1)
-1...3 mbar (1)
-2...2 mbar (1)
-3...1 mbar (1)
-2...4 mbar (1)
-4...2 mbar (1)
-3...3 mbar (1)
-4...6 mbar (1)
-6...4 mbar (1)
-5...5 mbar (1)
-6...10 mbar (1)
-10...6 mbar (1)
-10...15 mbar
-15...10 mbar
-15...25 mbar
-25...15 mbar
-20...40 mbar
-40...20 mbar
-40...60 mbar
-60...40 mbar
-60...100 mbar
-100...60 mbar
100...150 mbar
150...100 mbar
150...250 mbar
250...150 mbar
200...400 mbar
400...200 mbar

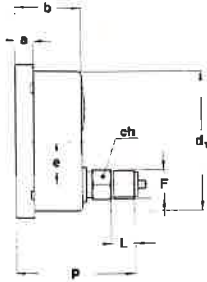
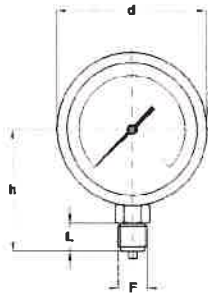
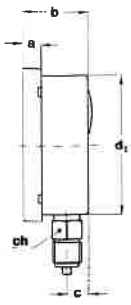
(1) for DS 6" (150mm)

capsule pressure gauges
DS 4", 6" (100-150mm)

MN9

RC5 - 1/2/15

IN ORDER TO IMPROVE THEIR PRODUCTIONS, MEMBRI, NUOVA FIMA RESERVE THE RIGHT TO THEMSELVES TO MAKE ALL THE MODIFICAZIONI CHE LORO DEEMERANNE NECESSARIE IN QUALSIASI MOMENTO. I DATI PRESENTATI SONO SOLO A TITOLO INFORMATIVO E NON GARANTISCONO LA PRESSIONE. I DATI PRESENTATI SONO SOLO A TITOLO INFORMATIVO E NON GARANTISCONO LA PRESSIONE. I DATI PRESENTATI SONO SOLO A TITOLO INFORMATIVO E NON GARANTISCONO LA PRESSIONE.



A - LOWER CONNECTION

D - BACK CONNECTION

Mounting	DN	F	a	b	c	d	d ₁	e	h	p	L	ch	Weight : lbs (kg)
Lower	E 4" (100mm)	41M G 1/2 A	0.51 (13)	1.91 (48,6)	0.63 (16,1)	4.35 (110,6)	3.97 (101)		3.39 (86)		0.78 (20)	0.87 (22)	1.14 (0,52)
Lower	G 6" (150mm)		0.59 (15)	1.96 (50,5)	0.65 (16,5)	6.33 (161)	5.88 (149,6)		3.39 (86)		0.78 (20)	0.87 (22)	2.20 (1)
Back	E 4" (100mm)	43M 1/2-14 NPT	0.51 (13)	1.91 (48,6)		4.35 (110,6)	3.97 (101)	1.22 (31)		3.42 (86,8)	0.78 (20)	0.87 (22)	1.25 (0,57)
Back	G 6" (150mm)		0.59 (15)	1.96 (50,5)		6.33 (161)	5.88 (149,6)	1.22 (31)		3.42 (86,8)	0.78 (20)	0.87 (22)	1.98 (0,9)

dimensions : mm

OPTIONS

MODEL	MN9	MN9/18
C40 - AISI 316L st. st. case and ring		◆
K10 - Accuracy class 1 (only for ≥ 25 mbar range)		◆
MIX - Stainless steel movement		◆
B - "U"-clamp, for back connection pressure gauges	◆	◆
C - Back flange, for lower connection pressure gauges	◆	◆
E - Front flange, for back connection pressure gauges	◆	◆
T32 - Window glass	◆	◆

"HOW TO ORDER" SEQUENCE

Section / Model / Case / Mounting / Diameter / Range / Process connection / Options
 2 09 1 A E 41M B...E
 10 D G 43M C40...T32

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