Capsule Pressure Gauges

Industrial Series, Model MCX

Pressure Gauges

Service intended
Suitable for dry and gaseous media that will not attack copper alloy parts.

Design
EN 837-3

Nominal size
63, 80, 100 and 160 mm

Accuracy class per EN 837-3/6
1.6

Scale ranges per EN 837-3/5
63, 80 mm: 0/25 to 0/600 mbar
100mm: 0/10 to 0/600 mbar
160mm: 0/6 to 0/600 mbar
or other equivalent units of pressure or vacuum



S.I.M.E
A.E.

Working pressure
Steady: full scale value
Fluctuating: 0.9 x full scale value

Operating Temperature
Ambient: -20... +60 °C
Medium: +100 °C maximum

Temperature error
Additional error when temperature of the pressure element deviates from +20 °C
Rising temperature: +0.3%/10K of true scale value
Falling temperature: -0.3%/10K of true scale value

Standard features

Pressure connection
Material: Cu-alloy
Threaded entry per DIN 26 288,G $^{1}/_{4}$ A, 14mm flats
63 mm: G $^{1}/_{4}$ B (male), 14mm flats
80, 100, and 160 mm: G $^{1}/_{2}$ B (male), 22mm flats

Pressure element
Material: Cu-alloy

Sealing ring
NBR (Buna rubber)

Movement
Cu-alloy

Zero adjustment
Through window

Dial
White aluminium with black lettering

Protections
IP65

Pointer
Black aluminium

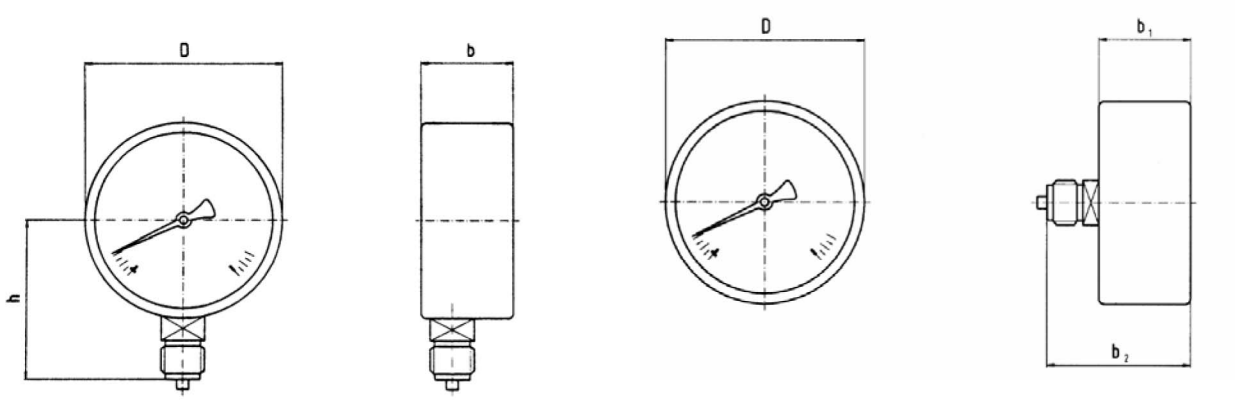
Case
Natural finish stailess steel

Window
Cut glass

Bezel ring
Cam ring (bayonet type), natural finish stainless steel

Optional extras
-Other pressure connection
-Bezel chromed ring
-Slip-on bezel
-3-hole surface mounting flange
-U bracket for clamp fixing
-Red pointer fixed on transparent or on dial
-Dragged pointer of MIN / MAX
-Throat element
-Red mark
-Thread $^{1}/_{8}$ - $^{1}/_{4}$ - 9x1 -10x1 : BSP - BSPT - NPT

Dimensions
Standard version



Nominal Size	Dimensions [mm]					Weight [g]
	h	b	b1	b2	D	
63	50	26	26	45	63	200
80	65	34	34	68	84	420
100	88	48	48	86	114	680
160	118	54	54	92	172	1100

S.I.M.E A.E.

Ordering information
State:
Pressure gauge model / Nominal size / Scale range / Size of connection / Optional extras required

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

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