Application
Measurement of positive or negative overpressure, pressure ranges from 0,25 kPa up to 40 kPa, media air or other gaseous medias

Nominal Case Size (NCS)
144 x 72 mm, horizontal or vertical

Accuracy Class
± 2.5 (i.e. max. ± 2.5% of full span)

Pressure Ranges
0-0.25 kPa up to 0-40 kPa
also standard vacuum and compound ranges

Pressure Limitations
Steady pressure: full scale value
Cyclic pressure: 0.9 x full scale value

Temperature Limitations
Ambient temperature: -25 to +60°C (-4 to +140°F)
Medium temperature: max. +100°C (+212°F)

Temperature Caused Error
The error caused by temperatures differing from +20°C (+68°F) is significant. In correspondence with EN 837-3 it can be up to 0.6 % per each 10°C (18°F).

Standard Configuration

Connection
Back connection brass 6/8 pipe connection or ½ " BSP

Diaphragm Capsule
CuBe2

O-Ring Sealing (wetted part)
NBR

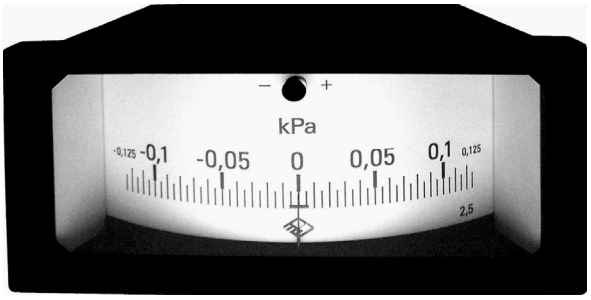
Movement
Brass / German silver

Dial
Aluminium alloy, black figures, white background

Pointer
Knife edge pointer aluminium alloy black

Zero Adjustment
From the frontside

Window
Acrylic glass



Pressure Ranges

Vakuummeter	Mano-Vakuummeter	Manometer
kPa		
-0,25 / 0	-0,125 / +0,125	0 / 0,25
-0,6 / 0	-0,3 / +0,3	0 / 0,6
-1,6 / 0	-0,8 / +0,8	0 / 1,6
		0 / 2,5
-4 / 0	-2 / +2	0 / 4
		0 / 6
-10 / 0	-5 / +5	0 / 10
-25 / 0	-12,5 / +12,5	0 / 25
-40 / 0	-20 / +20	0 / 40

How to Order

Please specify:

Model Code: KP 144 x 72 -1

Nominal case size: 144 x 72

Please specify horizontal (h) or vertical (v)

Wetted parts: -1

Pressure range: see table above

Process connection: 6/8 pipe connection or ½ " BSP

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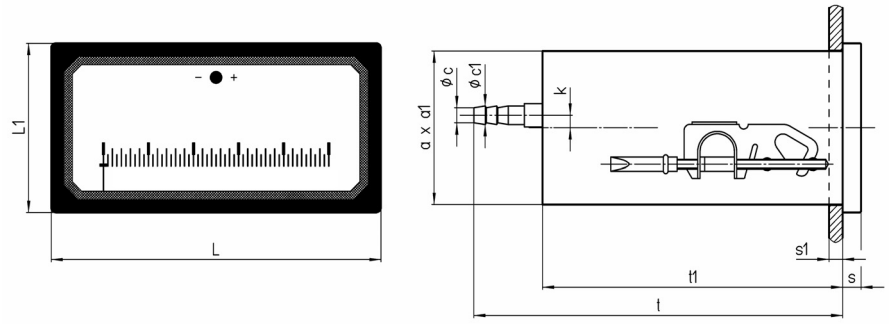
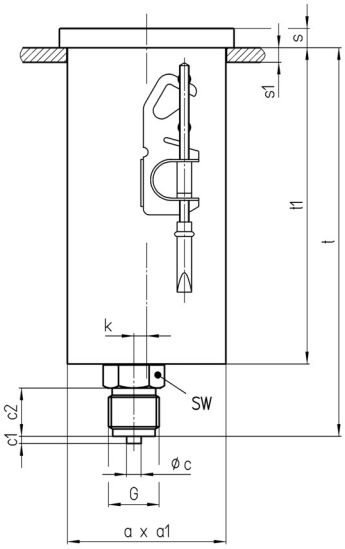
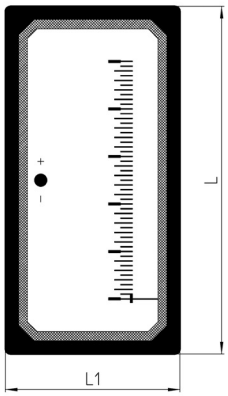
Dimensions

horizontal mount



vertical mount





Recommended panel cut-out (mm): 138 +0.6 x 66 +0.6

NG Size	Dimensions (mm)													Weight approx. (kg)	
	a x a_1	c	c1	c2	G	k	L	L_1	s	s1	SW	t	t_1	0.25 kPa	0.6 kPa and above
144 x 72 **h**	135,6 x 65,5	6	3	20	½"BSP	5,3	144	72	8,5	max. 45	22	168,5	138,5	0,7	0,8
144 x 72 **v**												161			

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