

GRAVITY POSITION INDICATOR

Gravity position indicators and accessories

Materials:

Indicator case:

Glass fiber reinforced polyamide. Resistant to oils and greases.

Transparent cover:

Polymethylmethacrylate (PMMA).

Surface finish:

All smooth.

Colour:

Indicator case:

Black.

Cover:

Transparent.

Type of case:

Normal:

Sealed to dust.

Gear ratio:

The gear ratio determines the distance to be covered in a given number of revolutions. For example, with a single indicator pointer and a gear ratio of 20, the gear-driven pointer will travel the 360° of the scale every 20 turns of the handwheel, that is, the total setting distance must fall within a single turn of the pointer.

Rotation direction (SR):

O = increase of values with clockwise rotation

A = increase of values with counter clockwise rotation

Pointers:

The indicator can be supplied with one or two pointers:

One pointer (F1) 1:

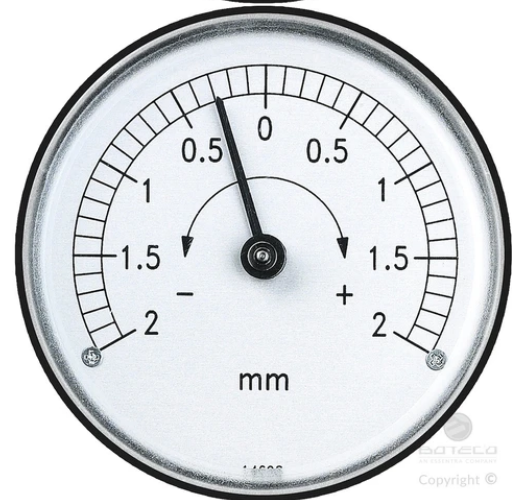
One pointer that spins according to the gear ratio.

Two pointers (F2) 2:

One pointer turns according to the gear ratio, whereas the second one turns with a ratio of 1:1.

Graduated scale:

Graduated scale printed in black. With standard graduation, with start and end of the scale combined with the chosen gear ratio. For example, with a gear ratio of 20 the first number of the scale will be 0 and the last number will be 20. Progression of numbers clockwise or counterclockwise depending on the chosen direction of rotation.



Special Requests:

Upon request and for special quantities, only for position indicators K650-50 and K650-80, the transparent cover can be supplied in acetone resistant PA6.

Upon request and for special quantities, only for position indicator K650-80, the transparent cover can be replaced with one in mineral glass.

Upon request and for special quantities, the position indicators can be supplied filled with paraffin oil with anti-condensation or anti-vibration function.

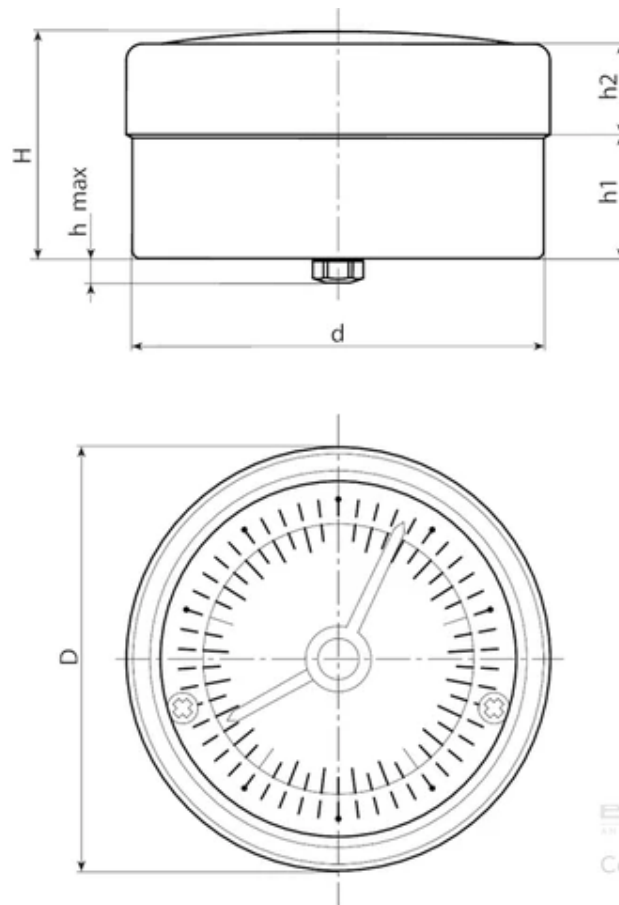
Upon request and for special quantities, only for position indicator K650-80, it can be supplied with the possibility of having a zero reset function.

Upon request and for special quantities, the position indicators can be supplied with a waterproof case.

Upon request and for special quantities, the graduated scale can be supplied to customer's drawing (both the scale values and the addition of logos or graphics).

Upon request and for special quantities, the graduated scale can be printed in two or three colours.





art.	D	d	H	h	h1	h2	GR	SR	F1	F2	Weight (g)
K650050.....	51.7	50.2	29.2	4.2	14.7	11.5	1-2-3-6-10-12-15-18-20-24-30-36-48-50-60-72-84-96-100	O-A	1	2	100
K650070.....	66.8	65	28.5	5	16.2	11.3	1-2-3-6-10-12-15-18-20-24-30-36-48-50-60-72-84-96-100	O-A	1	2	100
K650080.....	86.8	84.8	29.8	5	15.6	12.7	1-2-3-6-10-12-15-18-20-24-30-36-48-50-60-72-84-96-100	O-A	1	2	100

When ordering, please insert the chosen options in the code points.

Example 1: for a position indicator with 80mm diameter. (K650080), - with gear ratio (GR) 12,- with clockwise rotation (SR) O, with two pointers (F2) 2, the complete code is thus formed: K650080.012O2.

or

Example 2: for a position indicator with 70mm diameter. (K650070), - with gear ratio (GR) 100,- with counter clockwise rotation (SR) A, with one pointer (F1) 1, the complete code is thus formed: K650070.100A1.