

Position indicators

freely programmable



Material:

Housing plastic.
Hollow shaft steel.
Screen LCD display.
Grub screw steel.

Version:

Hollow shaft black oxidised.
Grub screw black.

Sample order not programmed:

nIm 21922-12
(Position indicator with assembly position 1, colour black)

Sample order programmed:

nIm 21922-0200021120
(see ordering example on the next page)

Note:

The electronic position indicators offer diverse opportunities compared to mechanical position indicators because they display angles as well as uncommon spindle pitches and record each fraction of spindle movement.

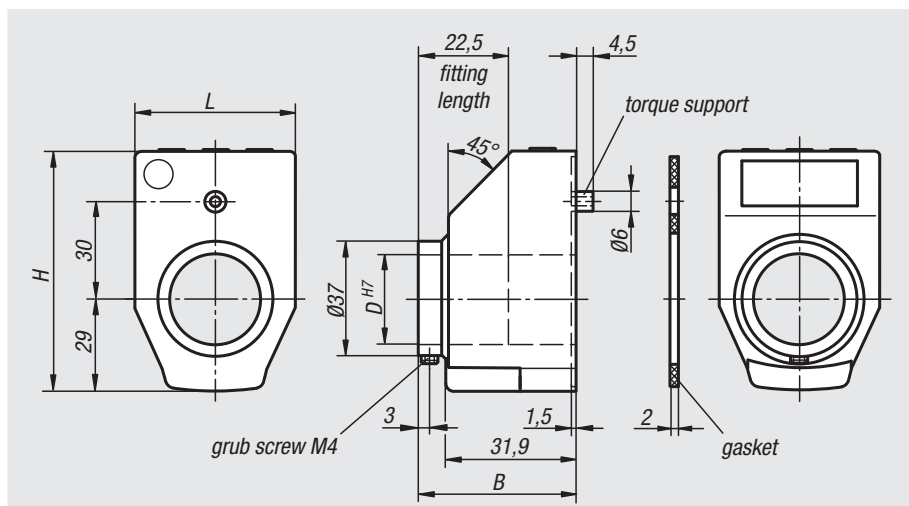
* Freely programmable parameters using the programming software 21922-09.

Features:

- indicated value and decimal point freely programmable
- linear or angle mode
- function key for zero-point position
- function key for switching between the absolute dimension and chain dimension
- programming of an offset value directly at the device
- easy battery change

Accessories:

- reducing bushes 21940
- programming software 21922-09



Technical data:

- LCD Display with 5 digits
- Digit size approx. 11.5 mm
- Display range from -19999 ... 99999
- Tunular shaft \varnothing 30 H7 mm
- Operating temperature -10 °C to +60 °C
- Storage temperature -30 °C to +80 °C
- Revolution max. 600 rpm
- Lithium battery Button cell 3V, type CR 2032, service life approx. 2 years
- Vibration-resistance according to DIN IEC 68-2-6 10 g / (5 ... 150 Hz), 20 g / (100 ... 2000 Hz)
- Shock-resistance according to DIN IEC 68-2-27 30 g / 15 ms
- EMC DIN EN 61000-4-2; DIN EN 61000-4-4
- Type of protection IP 51

Position indicators programmed





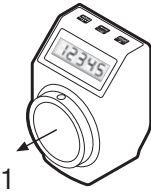
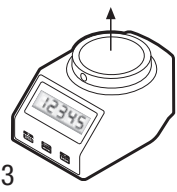
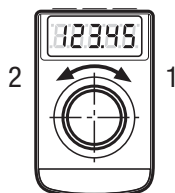

Order No.	Version 1	Version 2	B	D	H	L
21922-	See sample order for position Indicators programmed	freely programmable	38,8	30	71	48

Position indicators not programmed*

Order No.	Assembly position	Main colour	Version 2	Order No. software
21922-11	1	orange	freely programmable	21922-09
21922-12	1	black	freely programmable	21922-09
21922-31	3	orange	freely programmable	21922-09
21922-32	3	black	freely programmable	21922-09

Sample order for Position Indicators programmed 21922 and 21923

Order code:

21922- <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Indicator after one rotation:	Decimal point position:	Assembly position:	Count direction:	Colour:	Zero-point position:
e.g. 21922-0200021120 Please indicate here which value is to be displayed after one rotation (this is usually the spindle pitch).	e.g. 21922-0200021120 Please indicate here how many decimal places you require. 0 = 00000 1 = 0000.0 2 = 000.00 3 = 00.000	e.g. 21922-0200021120 1 = Mounting position for horizontal spindle 3 = Mounting position for vertical spindle	e.g. 21922-0200021120 1 = clockwise (ascending values) 2 = anticlockwise (ascending values)	e.g. 21922-0200021120 1 = orange 2 = black	e.g. 21922-0200021120 0 = directly 5 = delayed by 5 sec.
Important: Please note the decimal point position!					
		 	 		<p>The Zero-point position can be delayed by 5 sec. by means of a parameter, in order to avoid accidental zero setting.</p>
Angle mode: (resolution 0.1°) If you want the display to be in angle mode, enter 03600.	Angle mode: If you want the display to be in angle mode, the decimal point is best put in position 1. This means the display shows the value 0360.0 after one rotation.				
The display in angle mode is 03600 after one rotation and returns to 00000 for the next rotation.					

Application using position indicators

