



### PRODUCT INFO

**Position indicators VZPM** indicate the distance travelled by profile linear units. They are mounted to the spindle journal of a linear unit using an adapter bushing and a grub screw.

The counter of the position indicator should be selected from the table based on the spindle thread pitch and direction and the size of the linear unit. Other options, such as installation orientation or housing color, can be defined in the article number.

The polyamide housing is ultrasonically welded, making it especially sturdy, tight and compact. The position indicator is also temperature-resistant to 80 °C and resistant to oils and solvents. The foam rubber seal provides mechanical decoupling and also acts as a seal. The hollow shaft is made of black oxide-finished steel.

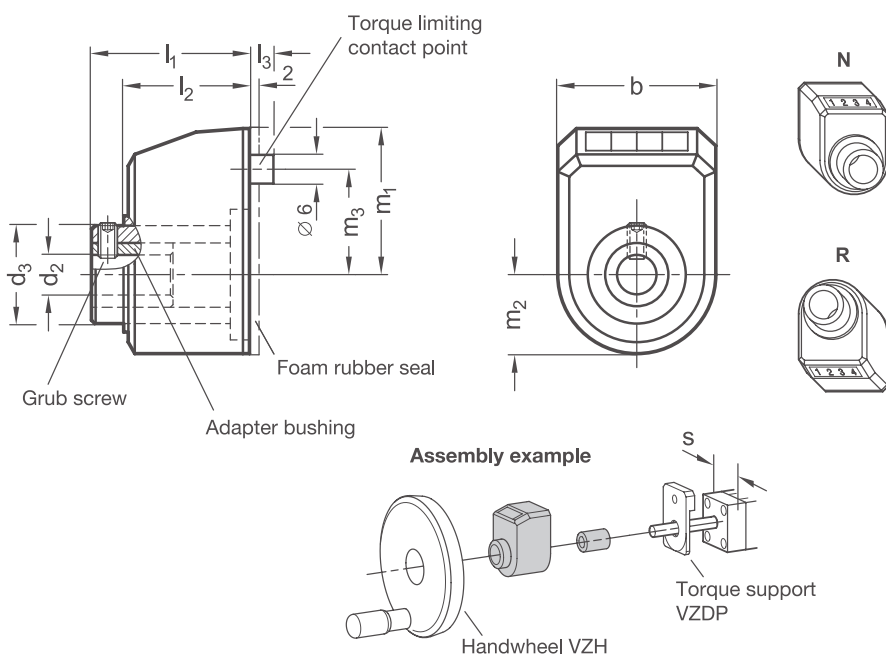
If the position indicator is attached to a profile linear unit, a torque support VZDP is required to prevent the position indicator from turning along.

As an alternative to the mechanical indicator system, a position indicator VZPE can also be used, which detects and displays the position electronically.

### RoHS-compliant product



Original design DD52R, DD51, DD50



Linear unit nominal diameter <b>s</b>	Linear unit spindle pitch <b>p</b>	Counter <b>zW</b>	Display after one spindle turn	<b>b</b>	<b>d<sub>2</sub>H7</b>	<b>d<sub>3</sub></b>	<b>l<sub>1</sub></b>	<b>l<sub>2</sub></b>	<b>l<sub>3</sub></b>	<b>m<sub>1</sub></b>	<b>m<sub>2</sub></b>	<b>m<sub>3</sub></b>	Grub screw	Max. speed rpm
30	1,5	001,5	0015	33	8	20	33	26	5,5	30,5	16,5	22	M 4	1500
30	3	003.0	0030	33	8	20	33	26	5,5	30,5	16,5	22	M 4	1500
50	2	0002.0	00020	48	12	29	37	30	6	43,5	23	30	M 5	625
50	4	0004.0	00040	48	12	29	37	30	6	43,5	23	30	M 5	625

Type  
**t**

R	Numbers increase when turned clockwise
L	Numbers increase when turned counterclockwise

Hollow shaft / adapter bushing material  
**w**

S	Steel black oxide-finished
E	Stainless steel, AISI 304

Installation orientation  
**e**

N	Inclined, top
R	Inclined, bottom

Surface / material  
**o**

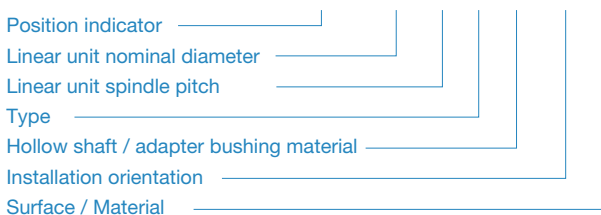
G	Polyamide (PA), orange RAL 2004
O	Polyamide (PA), gray RAL 7035

**FOR USE WITH**

– Profile linear units  
with torque supports VZDP

**ORDER KEY**

**VZPM - s - p - t - w - e - o**



**ON REQUEST**

– Other / doubled thread pitches