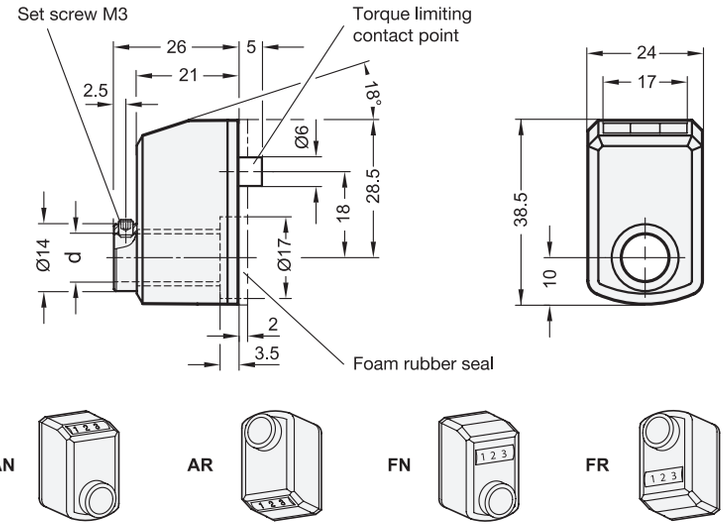


Inch | Metric

elesa
Original design DD50

3 Installation (front view)

AN On the chamfer, above
AR On the chamfer, below
FN In the front, above
FR In the front, below

4 Type

R Numbers increasing clockwise
L Numbers increasing counter-clockwise

Inch & Metric table

1 Bore **d** H7		2 **Counter**			
Inch	Metric		Indication after 1 spindle revolution	Corresponds to thread pitch in millimeters per revolution	Max. revolutions per minute
B 3/8	B 10	0.50	050	0.5	500
B 3/8	B 10	01.0	010	1	1500
B 3/8	B 10	02.0	020	2	1250
B 3/8	B 10	003	003	3	1500
B 3/8	B 10	04.0	040	4	625
B 3/8	B 10	05.0	050	5	500
B 3/8	B 10	1.00	100	1	250
B 3/8	B 10	10.0	100	10	250

Specification

5

- Housing
  Plastic
  Technopolymer (Polyamide PA)
  - Orange, RAL 2004 — OR
  - Gray, RAL 7035 — GR
  - Black-gray, RAL 7021 — SG
  - Temperature resistant up to 176 °F (80 °C)
  - Oil and solvent resistant
- Counter
  - Whihte numbers
  - Black number wheels integers
  - Red number wheels for decimals
- Hollow shaft
  Steel, blackened finish
- Seal
  O-ring seal between hollow shaft and housing
- *ISO Fundamental Tolerances → page 2129*
- *Plastic Characteristics → page 2135*
- RoHS compliant

Information

EN 955 position indicators have a direct drive counter with digital readout.

The two housing component parts are ultrasonically welded, thus making the housing especially sturdy and compact.

The foam rubber seal at the back of the indicator housing prevents the transmission of vibration between the machine and the counter and also acts as a seal.

Special attention was paid to the positioning of the readout window. The numbers are easily legible, and enhanced by the magnifying effect of the safety sight glass.

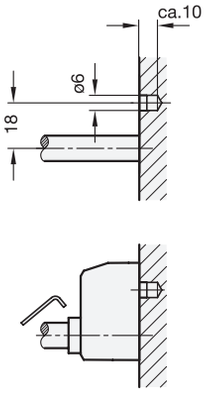
see also...

- *More Information on Position Indicators → page 370*
- *Digital Position Indicators EN 955.2 (Stainless Steel Shaft Receptacle)*
- *Mounting Adaptors EN 952.1 (for Position Indicators) → page 388*
- *Control Knobs GN 957 (for Position Indicators) → page 389*

How to order

EN 955- B3/8 -0.50-AR-R-OR
(1 2 3 4 5)

1	Bore d
2	Counter
3	Installation (front view)
4	Type
5	Color



Installation instructions

Before installation of the position indicator a bore for the torque limiting contact point is to be placed (see left).

With **EN 952.1 mounting adaptors** → *page 388* the hollow shaft (with bore 14 H7) of the position indicator can be adapted to fit the spindle.

The mounting of the position indicator is via the torque limiting contact point which is connected to the hollow spindle and secured with a set screw.

If a reduction in the diameter of the hollow shaft is to be made at the same time as mounting a control knob, **GN 957 control knobs** → *page 389* are available which combine both functions in a single component (no adaptor bushings required).

Before completing the installation, turn the spindle to the starting point (0 position) and zero the position indicator.