

Inch | Metric



elesa

Original design DD52R / DD52R.SST

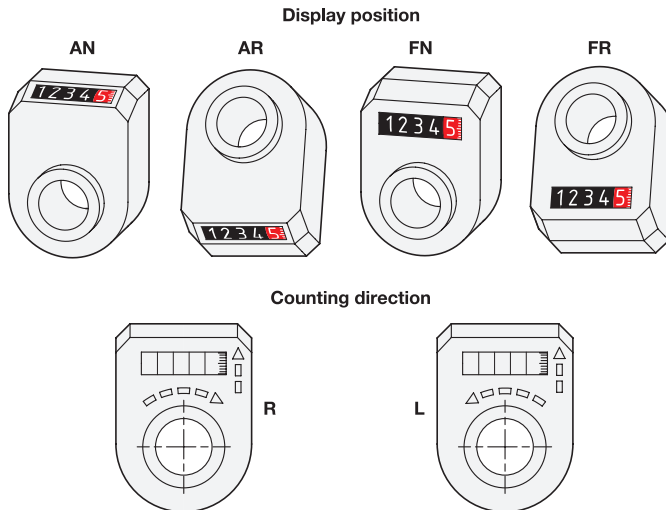
SS Stainless Steel

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

Bore d H7		Counter				Corresponds to thread pitch in mm	Max. revolutions per minute
Inch	Metric	Indication after 1 spindle revolution					
		00000	00000	00000	00000		
B 3/4	B 20	00005	0000.5	000.05	00.005	0.5	1500
B 3/4	B 20	00010	0001.0	000.10	00.010	1	1500
B 3/4	B 20	00015	0001.5	000.15	00.015	1	1500
B 3/4	B 20	00020	0002.0	000.20	00.020	2	1250
B 3/4	B 20	00025	0002.5	000.25	00.025	2.5	1000
B 3/4	B 20	00030	0003.0	000.30	00.030	3	830
B 3/4	B 20	00040*	0004.0*	000.40*	00.040	4	625
B 3/4	B 20	00050	0005.0	000.50	00.050	5	500
B 3/4	B 20	00060	0006.0	000.60	00.060	6	415
B 3/4	B 20	00080	0008.0	000.80	00.080	8	315
B 3/4	B 20	00100	0010.0	001.00	00.100	10	250

* Suitable for linear actuators GN 291 \varnothing 40 and \varnothing 50.

Mounting Instructions and Accessories	
<p>When mounting the position indicator, an appropriately situated mounting hole is required for the torque support.</p>	<p>If the position indicator is used with smaller shaft diameters, the hollow shaft diameter $\text{Ø} 20 \text{ H7}$ can be reduced with mounting adaptors EN 952.1 (\rightarrow page XYZ).</p>
<p>Clamping plates GN 953.7 (\rightarrow page XYZ) can be used to clamp spindles after adjustment to secure them against independent or accidental turning.</p>	<p>If reduction is desired in addition to installation of a control knob, control knobs GN 957 (\rightarrow page XYZ) are available, which combine both functions in a single element.</p>

Specification



Housing

Plastic, Polyamide (PA)

• Color

- Orange, RAL 2004, shiny finish
- Gray, RAL 7035, shiny finish
- Black-gray, RAL 7021, shiny finish

- **OR**
- **GR**
- **SG**

• Operating temperature
32 °F to 176 °F (0 °C to +80 °C)

• Oil and solvent resistant

Sight glass

Plastic, polyamide (PA-T), transparent

Counter

- White numbers
- Black number wheels integers
- Red decimals with additional scale

EN 953

- Shaft receptacle
Steel, blackened finish
Sealed with an O-ring
- Set screw DIN 916
Steel, blackened finish

EN 953.2

- Shaft receptacle
Stainless steel AISI 303
Sealed with an O-ring
- Set screw DIN 916
Stainless steel AISI 303

RoHS

On request

- Other counter indication

Digital position indicators EN 953 / EN 953.2 have a direct coupled drive with digital indications. The digits are easy to read and appear enlarged due to the magnifying effect of the viewing window.

Both housing sections are ultrasonically welded, making the housing particularly stable and compact. The foam rubber seal prevents the transmission of vibration to the counter and serves as a seal.

Technical Information

Page

Further Information for Position Indicators	QVX
ISO Fundamental Tolerances	QVX
Plastic Characteristics	QVX
Stainless Steel Characteristics	QVX

Accessory

EN 952.1 Mounting Adaptors	QVX
EN 953.1 Spacer Plate	QVX
GN 953.7 Clamping Plates	QVX
GN 957 Control Knobs	QVX
EN 957.1 Control Knobs	QVX

How to order (Metric, ST shaft receptacle)

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

EN 953-B20-0005.0-AR-R-OR

How to order (Inch, SST shaft receptacle)

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

EN 953.2-B3/4-000.10-AN-R-OR