INOX STAINLESS STEEL · RoHS · PA · PA-T · +80° 0°

BASE AND CASE
High-resistance polyamide based (PA) technopolymer.
Black base.
Case in the following colours:
- **C2**: RAL 2004 orange, glossy finish.
- **C3**: RAL 7035 grey, glossy finish.
- **C1**: RAL 7021 grey-black, glossy finish.

The ultrasonic welding between the base and the case prevents separation and avoids dust penetration.

WINDOW
Transparent polyamide based (PA-T) technopolymer, moulded over the case and with a perfect seal. Resistant to solvents, oils, greases and other chemical agents (avoid contact with alcohol during cleaning operations).

DISPLAY
It indicates the displacement of the mechanism controlled by the spindle from the start position (0).
Five-digit roller counter (four black rolls and one red roll or three black rolls and two red rolls). The digits of red rolls show the decimal values. An additional graduated scale next to the last decimal digit offers further accuracy of reading.
The display can be in different positions (see "Table of the possible combinations").
- **AN**: inclined display, counter in upper position.
- **AR**: inclined display, counter in lower position.
- **FN**: front display, counter in upper position.
- **FR**: front display, counter in lower position.

INTERNAL GASKET
O-ring front sealing in NBR synthetic rubber, between the case and the boss.

REAR GASKET
Foam polyethylene, supplied.

STANDARD EXECUTIONS
Boss with Ø 20 mm H7 reamed hole, fitting to shaft by means of a grub screw with hexagon socket and cup end, included in the supply.
- **DD52R**: black-oxide steel boss.
- **DD52R-SST**: INOX AISI 303 stainless steel boss.

DIRECTION OF ROTATION
- **D**: clockwise. Increasing values with clockwise rotation of the boss.
- **S**: anti-clockwise. Increasing values with anti-clockwise rotation of the boss.

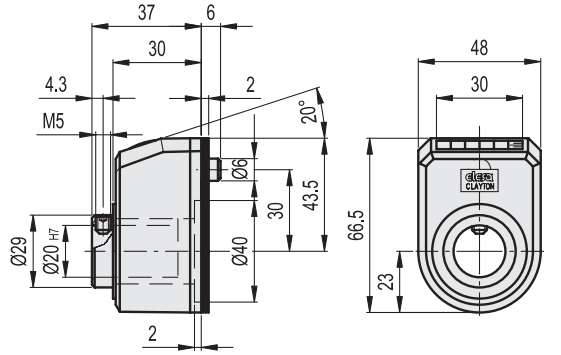
WEIGHT
97 grams.

FEATURES AND APPLICATIONS
Direct drive digital position indicators can be assembled on passing through spindles in any position to give direct reading of the positioning of a machine component. They are suitable also for motor driven applications (see “Table of the possible combinations").

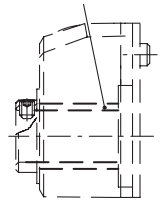
ERGONOMY AND DESIGN
Compact roller counter, ergonomically designed digits for rapid reading. The readability of the counter is increased by the magnifying window.

ASSEMBLY INSTRUCTIONS
1. Drill a Ø 6 mm by 10 mm hole in the body of the machine with a 30 mm centre distance from the spindle to fit the rear referring pin.
2. Set the spindle to the start or referring position.
3. Fit the indicator with the zeroed roller counter onto the spindle and make sure that the referring pin fit the hole.
4. Clamp the boss to the spindle by tightening the grub screw with hexagon socket and cup end, according to UNI 5929-85.

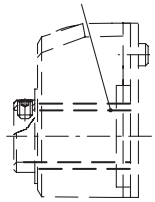
ELESA Original design

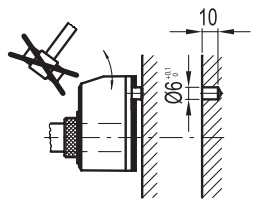


DD52R



DD52R-SST





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