MBT-GW

ELESA Original design

Knobs with integral digital-analogue gravity position indicator

IP67 PA PA-T +100°C 0°C RoHS

- **Diamond cut knurled knob**
  Glass-fibre reinforced polyamide based (PA) technopolymer. Moulded-in spindle. Resistant to solvents, oils, greases and other chemical agents.
- **Bezel**
  Technopolymer. Moulded over the window.
- **Colour**
  Black, matte finish.
- **Window**
  Transparent polyamide based (PA-T) technopolymer (practically unbreakable). Ultrasonically welded to the case. Resistant to solvents, oils, greases and other chemical agents (avoid contact with alcohol during cleaning operations).
- **Dial**
  Natural matte anodised aluminium.
  Clockwise or anti-clockwise graduation, black colour.
- **Standard execution**
  Black-oxide steel boss, H7 reamed blind hole, fitting to shaft by means of a supplied grub screw with hexagon socket and cup end UNI 5929-85.
- **Reading**
  Five-digits roller counter (four black rolls and one red roll) and one red pointer which turns on the graduated dial. The digit of the red roll shows the decimal values, while the pointer shows the hundredth.
  The display indicates the displacement of the mechanism controlled by the spindle from the start position (0). One complete turn of the machine spindle corresponds to a turn of the handwheel/knob and consequently to a turn of the red pointer. A turn of the red pointer corresponds to a determinate reading on the counter (see "Reading on the counter after one revolution of the red pointer" in the table). Ballrace rotation: maximum reading accuracy.

Available readings

0000,2	0000,5	0000,8	0001,0	0001,2	0001,2(5)	0001,4	0002,0	0002,5	0002,5(3)	0002,7(7)	0002,8(571)	0003,0	0003,5	0004,0	0005,0

Standard readings Special readings on request (min. 10 pcs.)

- **IP protection**
  The ultrasonic welding of the window to the case guarantees the complete sealing with IP 67 protection class, according to IEC 529 table (see catalogue 038, page 503).

Features and applications

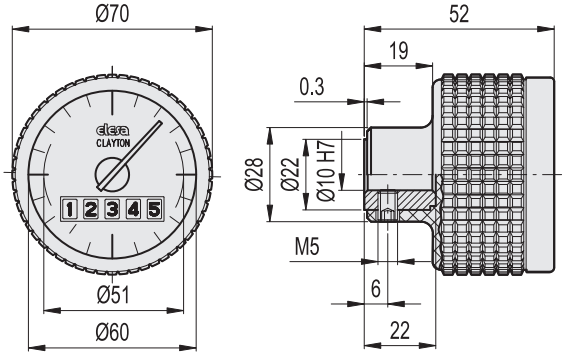
The knobs with integral digital-analogue gravity position indicator are suitable on spindles with horizontal or max 60° inclined axis.

Special executions on request

- No pointer.
- Plain dial.
- Special dial with logo or customized graduations.
- Special readings after one revolution.

Instructions

These indicators are supplied with a screw on the rear case to prevent the mechanism from rotating during transportation, avoiding any displacement of reading. Before assembling the indicator into the handwheel, remove the screw from the back and fit the self-adhesive element supplied to guarantee IP 67 sealing.



Standard Elements				Dial graduation (No. divisions)	Reading accuracy of the red pointer on the graduated dial	Reading on the counter after one revolution of the red pointer	⚖
Clockwise		Anti-clockwise					
Code	Description	Code	Description				g
CE.58241	MBT.70-GW12-0000.2-D	CE.58242	MBT.70-GW12-0000.2-S	20	0.01	0000.2	195
CE.58401	MBT.70-GW12-0000.5-D	CE.58402	MBT.70-GW12-0000.5-S	50	0.01	0000.5	195
CE.58501	MBT.70-GW12-0001.0-D	CE.58502	MBT.70-GW12-0001.0-S	100	0.01	0001.0	195
CE.58581	MBT.70-GW12-0002.0-D	CE.58582	MBT.70-GW12-0002.0-S	40	0.05	0002.0	195
CE.58621	MBT.70-GW12-0002.5-D	CE.58622	MBT.70-GW12-0002.5-S	50	0.05	0002.5	195
CE.58651	MBT.70-GW12-0003.0-D	CE.58652	MBT.70-GW12-0003.0-S	60	0.05	0003.0	195
CE.58701	MBT.70-GW12-0004.0-D	CE.58702	MBT.70-GW12-0004.0-S	80	0.05	0004.0	195
CE.58741	MBT.70-GW12-0005.0-D	CE.58742	MBT.70-GW12-0005.0-S	100	0.05	0005.0	195