PW12

ELESA Original design

Digital-analogue positive drive indicators

IP67 | PA | PA-T | +100°C 0°C | RoHS

EXTENDED RANGE

- **Case**
  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.
- **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 hundreth. The display indicates the distance covered by 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). The reading accuracy is guaranteed by a special ballrace bearing.

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.)

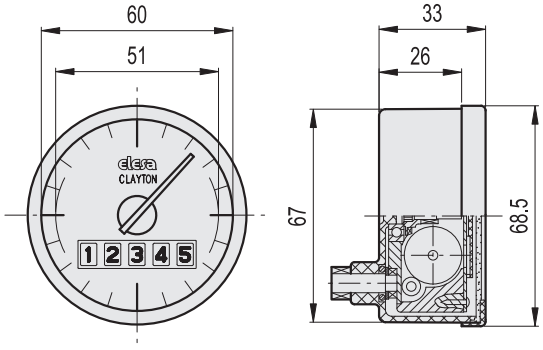
- **IP protection**
  The ultrasonic welding of the window to the case guarantees the complete sealing with IP 65 protection class, according to IEC 529 table (see catalogue 038, page 503).

Features and applications

Digital-analogue positive drive indicators are suitable with handwheels on spindles in any position.
To choose the handwheel see the table "Handwheels/knobs-possible assembly with indicators" (see catalogue 038, page 464).

Special executions on request

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



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.76241	PW12-0000.2-D	CE.76242	PW12-0000.2-S	20	0.01	0000.2	120
CE.76401	PW12-0000.5-D	CE.76402	PW12-0000.5-S	50	0.01	0000.5	120
CE.76501	PW12-0001.0-D	CE.76502	PW12-0001.0-S	100	0.01	0001.0	120
CE.76581	PW12-0002.0-D	CE.76582	PW12-0002.0-S	40	0.05	0002.0	120
CE.76621	PW12-0002.5-D	CE.76622	PW12-0002.5-S	50	0.05	0002.5	120
CE.76651	PW12-0003.0-D	CE.76652	PW12-0003.0-S	60	0.05	0003.0	120
CE.76701	PW12-0004.0-D	CE.76702	PW12-0004.0-S	80	0.05	0004.0	120
CE.76741	PW12-0005.0-D	CE.76742	PW12-0005.0-S	100	0.05	0005.0	120