

- 1 
- 2 
- 3 
- 4 
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- 7 
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- 9 
- 10 
- 11 
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- 18 

**CASE**

Glass-fibre reinforced polyamide based (PA) technopolymer, black colour, matte finish.  
Moulded-in spindle.

**BEZEL**

Technopolymer. Moulded over the window.

**WINDOW**

Transparent polyamide based (PA-T) technopolymer (practically unbreakable).

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**

The black pointer indicates the number of turns of the spindle from the start position (0); the red pointer indicates the fractions of turn.  
Ballrace rotation: maximum reading accuracy.

**RATIO**

To choose the ratio see "Gravity position indicators introduction" (on page 460).

**IP PROTECTION**

The ultrasonic welding of the window to the case guarantees the complete sealing with IP 67 protection class, see table EN 60529 (on page A-19).

**FEATURES AND APPLICATIONS**

The knobs with integral gravity position indicator are suitable on spindles with horizontal or max 60° inclined axis.  
To choose the handwheel see the table "Handwheels/knobs - possible assembly with indicators" (on page 461).

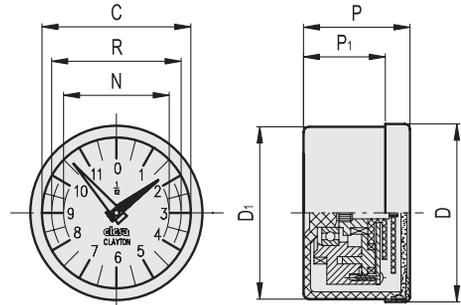
**SPECIAL EXECUTIONS ON REQUEST**

- Special dial with logo or customised graduations
- Special ratios
- Filling with paraffin oil, maximum continuous working temperature 40°C.
- Single pointer

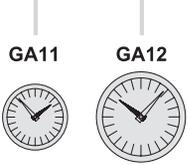
Series	D	P	D1	P1	C	R	N	
GA11	49.8	30	48.2	23	42	37	30	75
GA12	68.5	32	67.0	25	60	51	44	125



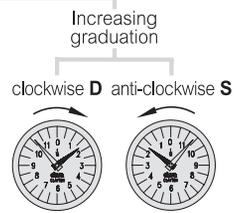
ELESA Original design



Example of description for ordering



Ratio	Description	Ratio	Description	Ratio	Description	Ratio	Description
2	0002	12	0012	36	0036	100	0100
4	0004	15	0015	40	0040	120	0120
5	0005	16	0016	48	0048	150 *	0150
6	0006	20	0020	50	0050	200 *	0200
8	0008	24	0024	60	0060		
10	0010	30	0030	72	0072		



\* Available only for GA12

Position indicators