

## Position indicators

### positive drive, technopolymer

#### 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 (D) or anti-clockwise (S) 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.

#### RATIO

To choose the ratio see "Positive drive indicators introduction" (on page 692).

#### IP PROTECTION

The ultrasonic welding of the window to the case guarantees the complete sealing with IP 65 protection class, see EN 60529 (on page A23).

#### FEATURES AND APPLICATIONS

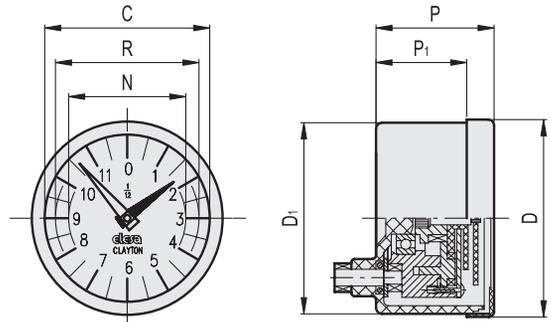
Digital-analogue positive drive indicators are suitable with spindles in any position.  
To choose the handwheel see the table "Handwheels/knobs-possible assembly with indicators" (on page 693).

#### SPECIAL EXECUTIONS ON REQUEST

- Special dial with logo or customized graduations
- Special ratios
- Single pointer



ELESA Original design



Series	D	P	D1	P1	C	R	N	Δ
PA11	49.8	30	48.2	23	42	37	30	80
PA12	68.5	32	67.0	25	60	51	44	130

Example of description for ordering

**PA11 - 0002 - D**

Series

Ratio

Graduation

Ratio	Description	Ratio	Description	Ratio	Description	Ratio	Description	Increasing graduation	
								clockwise D	anti-clockwise S
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 PA12