

MD51

ELESA Original design

Fluted grip knob for digital indicators DD51 and DE51



- **Material**

Polyamide based (PA) technopolymer. Resistant to solvents, oils, greases and other chemical agents.

- **Colour**

Black, matte finish.

- **Assembly**

Plain blind hole. Fitting by means of a grub screw with hexagon socket and cup end, according to UNI 5929-85, supplied not assembled.

- **Self-adhesive front plate**

Matte anodised aluminium. Supplied assembled.

Special executions on request (For sufficient quantities)

Stainless steel grub screw.

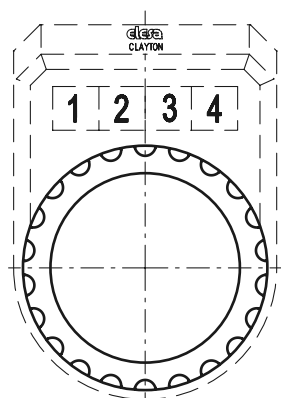
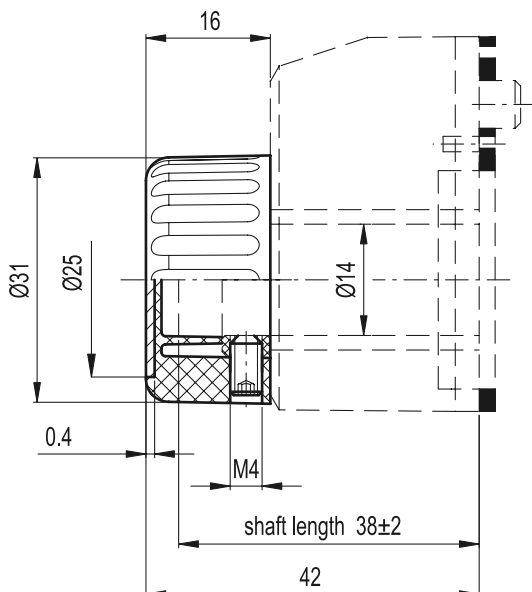
The front plate can be personalised with words, marks, graphic symbols, etc... or supplied in other colours.

Applications

MD51 knob has been designed to be mounted on DD51 direct drive digital position indicators (see page 488) or on DE51 direct drive electronic position indicators (see page 500).

Assembly instruction

1. Remove the grub screw from the indicator bushing.
2. Insert MD51 knob making sure that the grub screw seat matches the tapped blind hole of the indicator bushing.
3. Screw the grub supplied with the knob, to lock simultaneously the spindle, the indicator bushing and the knob.



Standard Elements		⚖
Code	Description	g
CE.85851	MD51-31-14-NR	9




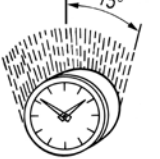

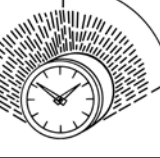






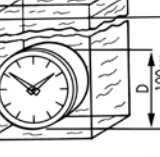
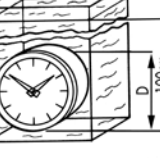
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Rotary controls

IP PROTECTION CLASSIFICATION FOR CASES

According to International Standard IEC 529 (see note below)

Symbol	1st digit			2nd digit			
	Protection against intrusion of external particle matter.			Protection against penetration of liquids.			
IP	0		No protection.	0		No protection.	
	1		Protection against ingress of large solid foreign bodies, Ø larger than 50 mm (hands)	1		Protection against drops of condensed water falling vertically.	
	2		Protection against ingress of medium size solid foreign bodies, Ø larger than 12 mm (fingers)	2		Protection against drops of liquid falling at an angle equal to or smaller than 15° with respect to the vertical.	
	3		Protection against ingress of small solid foreign bodies, Ø larger than 2.5 mm (tools, wires).	3		Protection against drops of liquid falling at an angle equal to or smaller than 60° with respect to the vertical.	
	4		Protection against ingress of small solid foreign bodies, Ø larger than 1 mm (tools, wires).	4		Protection against liquid splashed from any direction.	
	5		Protection against harmful deposits of dust, which cannot enter in an amount sufficient to interfere with satisfactory operation.	5		Protection against water jets projected by a nozzle from any direction.	
	6		Complete protection against ingress of dust.	6		Protection against water from heavy sea on ship's decks.	
		As a specification for cases of rotary controls does not exist, we refer to International Standard IEC 529 for protection classification of cases for electrical machines, devices or materials.			7		Protection against immersion in water under stated conditions of pressure and time.
					8		Protection against indefinite immersion in water under stated conditions of pressure.