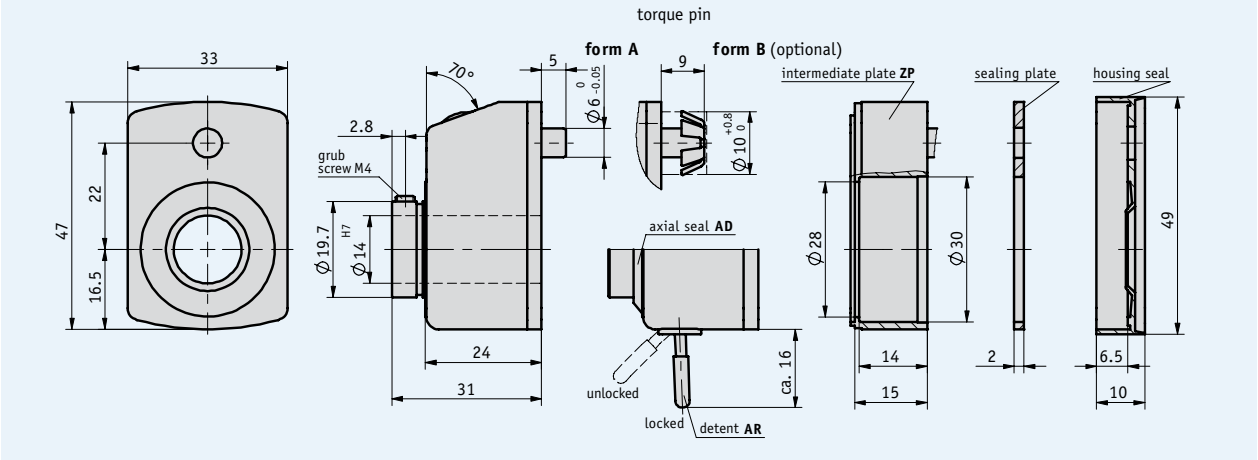
Mechanical digital position indicator DA04
Basic device with 4 decades

Profile

- Hollow shaft, max. Ø 14 mm
- Counter with 4 decades and fine reading
- Detent as an option
- Magnifying function for good readability
- Stainless-steel driving shaft as an option
- Axial seal, dustproof and hose-proof
- Clamping plate (see accessories)





Mechanical data

Feature	Technical data	Additional information
Counter	4 decades, fine reading	
Digit height	approx. 6 mm	
Housing	plastic, reinforced	
Window	plastic	optional mineral glass
Weight	0.05 kg	
Ambient temperature	max. +80 °C	

Max. speed

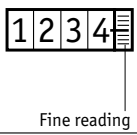
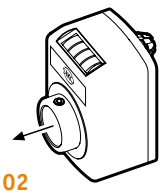
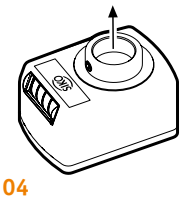
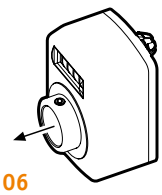
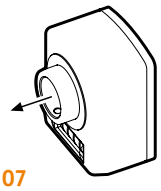
Indication after 1st revolution	**Max. speed** (rpm)
0010	500 *(1500)*
0015	500 *(1000)*
0020	500 *(750)*
0025	500 *(600)*
0030	500
0040	375
0050	300
0060	250
0080	180
0100	150

Formula for max. speed = $\frac{15\,000}{\text{Indication after 1st revolution}}$

Speeds >500 rpm must only be run for short periods.

Order

Design

Display	Mounting position				Counting direction
 Fine reading	 02	 04	 06	 07	

Note: Characters highlighted in orange color are order features

Order table

Feature	Order data		Technical data	Additional information
Design/mounting position	...	A	02, 04, 06, 07	see the icons illustrating the mounting positions
Indication after 1st revolution	...	B	10, 12/5, 15, 17/5, 20, 25, 30, 35, 40, 50, 60, 80, 100	/5 = arithmetical value not displayed
			others on request	
Decimal place	0	C	0 = 0000	
	1		1 = 000.0	
	2		2 = 00.00	
	3		3 = 0.000	
Counting direction = ascending values	i	D	clockwise	
	e		counter-clockwise	
Hollow shaft/diameter (mm)	...	E	14, 12.7, 15, 16	
	...		VA5, VA10, VA14, VA15	stainless steel
	...		RH4, RH6, RH8, RH10, RH12	reducing bush
Housing color	0	F	orange RAL 2004	
	S		black RAL 9005	
	GR		gray RAL 7035	
	FR		blazing red	
Seal	OAD	G	without additional seal	
	AD		with axial seal	
	GD		with axial and housing seal	
Detent/hollow shaft	OAR	H	without detent	
	AR		with detent	anti-vibration protection M ~ 20 Ncm
Intermediate plate	OZP	I	without intermediate plate	
	ZP		with intermediate plate	not with seal „GD“

Order code

DA04 - [A] - [B] - [C] - [D] - [E] - [F] - A - K - [G] - [H] - [I] - BP - ORP

1.1

Scope of delivery: *DA04*

Accessories:

Reducing bushes *Page 108*
Clamping plate KP04 *Page 102*

Additional information:

General information and areas of application *Page 8 cont.*

Subject to technical alterations 02/2010