RoHS

SIKO

SDP-02H
(Style H)

SDP-02V
(Style V)
On Request

SDP-02F
(Style F) On Request

Hex. Socket Setscrew
M3×0.5

Fixing Pin

2.5   5

70°

$\phi 6 ^{\ 0}_{-0.05}$

$\phi 13.8$

$\phi 10H7$

$\phi 16$

3.4

21

26   (2)

18

9.3   33

9.3

22

Rubber Cushion (included)
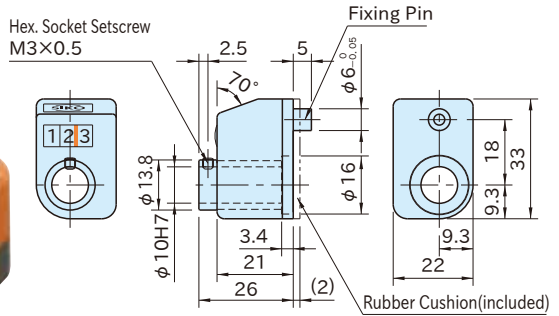
Note : The flat-end fixing pin can not work to mark a fixing point.

Housing
Polyamide (nylon 6) plastic) Orange

Feature
· Lightweight and extra-compact.
· Shaft-hole diameter : 10mm
· Displayed figure height : 4mm

Shaft Locking Solution
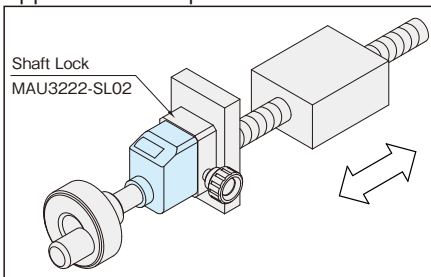Use MAU-SL to prevent rotations due to machine vibration.

Furnished With
Rubber Cushion

How To Use
1 Stick the rubber cushion to the back of the indicator.
2 Drill a fixing-pin hole in the mounting wall, 18mm above the shaft center.
3 Slide the indicator onto the shaft to the mounting wall and then tighten the setscrew.
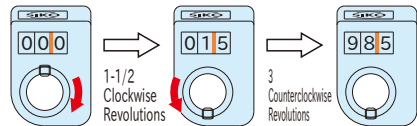
Application Example

Shaft Lock
MAU3222-SL02

Note
· Ensure that the start-up revolution speed is 1/3 or less of the allowable revolution speed.
· Do not give rapid acceleration or sudden stop.
· These position indicators can not be used in applications where the shaft moves in the axial direction.

Technical Information
Working temperature : Up to 80°C

Display Example

· **SDP-02FR-1B**

0 0 0   →   0 1 5   →   9 8 5

1-1/2 Clockwise Revolutions

3 Counterclockwise Revolutions

· **SDP-02FL-1.75A**   On Request

0 0 0   →   0 1 .   →   0 3 5

1 Counterclockwise Revolution

1 Counterclockwise Revolution
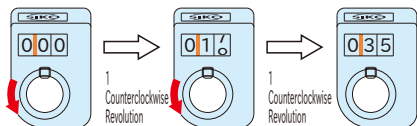
Type	Spindle Thread Pitch	Value Displayed After 1st Revolution				Allowable Revolution Speed (min⁻¹)	Weight (g)
		A (On Request)	B	C (On Request)	D (On Request)		
SDP-02	0.75	0 0 7/8	0 0 7/8	0 0 7/8		500	20
	1	0 1 0	0 1 0	0 1 0			
	1.25	0 1 2/3	0 1 2/3	0 1 2/3			
	1.5	0 1 5	0 1 5	0 1 5			
	1.75	0 1 7/8	0 1 7/8	0 1 7/8	-		
	2	0 2 0	0 2 0	0 2 0			
	2.5	0 2 5	0 2 5	0 2 5			
	3	0 3 0	0 3 0	0 3 0			
	4	0 4 0	0 4 0	0 4 0		375	
	5	0 5 0	0 5 0	0 5 0		300	
	6	0 6 0	0 6 0	0 6 0		250	
	8	0 8 0	0 8 0	0 8 0		180	
	10	-	1 0 0	1 0 0	1 0 0	150	

Ordering Example

SDP-02 H R - 1 B

- H — Style
- R — Rotative Direction
- 1 — Spindle Thread Pitch
- B — Value Displayed After 1st Revolution

H

V (On Request)

F (On Request)

R
(Forward Counting : Clockwise / Backward Counting : Counterclockwise)

L
(Forward Counting : Counterclockwise / Backward Counting : Clockwise)

Note : Rotative direction can not be changed.