

SDP-04

DIGITAL POSITION INDICATORS



SDP-04H

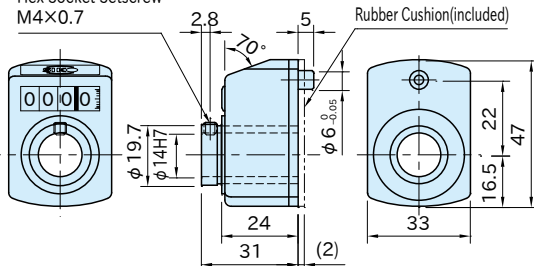


SDP-04F



SDP-04V

Hex Socket Setscrew
M4×0.7



Housing

Polyamide (nylon6) plastic
Orange

Feature

- Easy to read the feed amount of Mechanical Linear Actuator.
- Display figure height : 6mm

Supplied With

One rubber cushion

Technical Information

Working temperature : Between 0°C and 80°C

Reference

Please refer to another [SDP-04](#) page for further information at our website.

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 axial direction.

Window Position

Style H



To install on shaft
at lower eye level

Style F



Window is visual
at eye level

Style V



Install on vertical
shaft

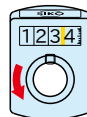
Rotative Direction

R



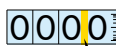
CW
Forward Counting
CCW
Backward Counting

L



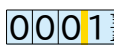
CCW
Forward Counting
CW
Backward Counting

Display Example

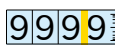


Yellow Line

Yellow Line indicates
decimal point.



Count up from
"0000".



Count down from
"0000".

Type	Window Style	Rotative Direction	Spindle Thread Pitch Per Rotation	Allowable Rotation Speed (min ⁻¹)	Weight (g)	Proper Mechanical Linear Actuators *)
SDP-04	H	R	3B 0030 **)	500	50	MAU5040*S MAG5040*S
	F V	L	6B 0060 ***)	250		MAU5040*W MAG5040*W

*)Mechanical Linear Actuator uses Tr14x3 Trapezoidal Thread (Pitch 3mm).

**)MAU5040*S · MAG5040*S Carriage moves 3mm per rotation of the Handle Shaft.

***)MAU5040*W · MAG5040*W Pitch between two carriages increases or decreases 6mm per rotation of the shaft.

Ordering Example

SDP-04 H L - 3B

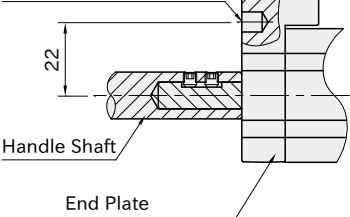
Window
Style

Rotative
Direction

Spindle Thread Pitch
After 1st Revolution

How To Install

φ 6 Mounting Hole for
Digital Position Indicator

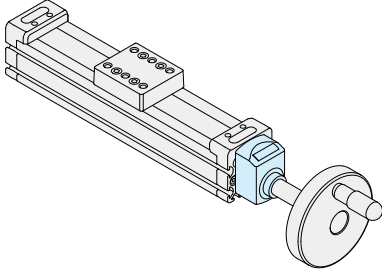


Hex. Socket Setscrew

Stick the rubber cushion to the back of the indicator,
slide the indicator onto the shaft to the end plate.
Then tighten the included setscrew.

How To Use

■ Install on Mechanical Linear Actuator



■ Install on Adjustable Gearbox of Mechanical Linear Actuator

