

SDP-04

DIGITAL POSITION INDICATORS



SDP-04H
(Style H)



SDP-04F
(Style F)

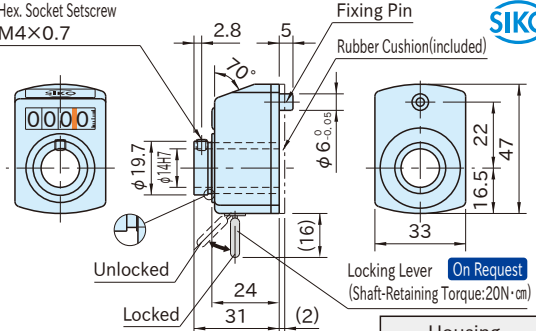


SDP-04V
(Style V)



SDP-04A
(Style A) On Request

Hex. Socket Setscrew
M4×0.7



Note : The flat-end fixing pin can not work to mark a fixing point.

Housing
Polyamide (nylon 6) plastic
Orange
Black (on request)
Gray (on request)

Features

- Lightweight and compact
- Using a shaft sleeve allows accepting a shaft of 6mm, 8mm, 10mm or 12mm diameter.
- Displayed figure height : 6mm

Shaft Locking Solutions

To prevent rotations due to machine vibration, use the following solutions.

- The locking lever (on request)
- **SKP-04**
- **SKPZN04**
- **QCSPL**

Supplied with

One rubber cushion

Technical Information

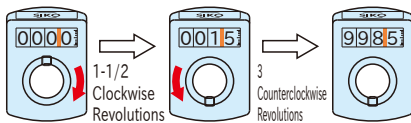
Working temperature : Up to 80°C

How To Use

- 1 Stick the rubber cushion to the back of the indicator. Do not stick it when using the housing seal.
- 2 Drill a fixing-pin hole in the mounting wall, 22mm above the shaft center.
- 3 Slide the indicator onto the shaft to the mounting wall and then tighten the setscrew.

Display Example

•SDP-04FR-1B



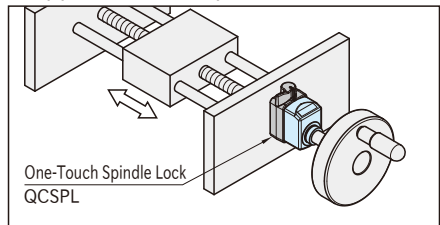
•SDP-04FL-1.75A On Request



Notes

- 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.
- The rubber cushion and the housing seal **SDP-04-HS** can not be used together.

Application Example

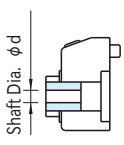


Housing seal & Front seal (to be ordered separately)

Part Number	Weight (g)
SDP-04-FS	0.3
SDP-04-HS	3.4

Features

Using the front seal and the housing seal together offers better airtightness.


Type	Spindle Thread Pitch	Value Displayed After 1st Revolution				Allowable Revolution Speed (min ⁻¹)	Weight (g)	Shaft Sleeve
		A On Request	B	C On Request	D On Request			
SDP-04	1	00110	00110	00110	-	500		
	1.25	0011 ₃	0011 ₃	0011 ₃				
	1.5	0011 ₅	0011 ₅	0011 ₅				
	1.75	0011 ₇	0011 ₇	0011 ₇				
	2	0020	0020	0020				
	2.5	0025	0025	0025		375		
	3	0030	0030	0030				
	4	0040	0040	0040		300		
	5	0050	0050	0050				
	6	0060	0060	0060		180		
	8	0080	0080	0080				
10	-	01100	01100	01100	150			

Part Number	d
STS- 6S	6
STS- 8S	8
STS-10S	10
STS-12S	12
STS-10S-SUS	10
STS-12S-SUS	12

Ordering Example

SDP-04 **H** **R** - **1** **B** **S** **-G**

Style Rotative Direction Spindle Thread Pitch Value Displayed After 1st Revolution Sleeve Housing Color Locking Lever

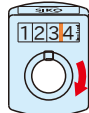


H **V**

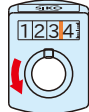
F **A**

On Request

R




L




Note : Rotative direction can not be changed.

Unspecified



(Steel)


S



(Stainless steel)

On Request

Unspecified (Orange)




-B (Black)

On Request

-G (Gray)

On Request



-L (With Locking Lever and steel shaft sleeve only for orange)

On Request

