

Digital Position Indicators Large

Standard / Front / Vertical with Counter Reset



Large counters are easy to see, and the Zero Set function resets the zero instantly.

Standard Spindle Large



With Counter Reset RoHS10

Type	Cover		Back Plate	Sleeve		Accessory	
5-Digit Type	Material	Color	Material	Material	Surface Treatment		
DPLR, DPLL DSLRL, DSLL	Nylon	Orange Silver	Polyphenylene Ether	EN 1.0736 Equiv.	Black Oxide	Set Screw (Black) (EN 1.7220 Equiv.)	Cushion Sheets (Black) (Polyethylene Foam)

Wrench Hole for Reset
Hexagon Socket Set Screw M5x0.8
Cushion Sheet
Recommended Tolerance of Mating Shaft : h7
Operating Temperature: -10°C~60°C

To set the zero, remove the cap and turn slowly with a hex wrench (3mm hex)

Front Spindle Large



With Counter Reset RoHS10

Type	Cover		Back Plate	Sleeve		Accessory	
5-Digit Type	Material	Color	Material	Material	Surface Treatment		
DPRR, DPRL DSRR, DSRL	Nylon	Orange Silver	Polyphenylene Ether	EN 1.0736 Equiv.	Black Oxide	Set Screw (Black) (EN 1.7220 Equiv.)	Cushion Sheets (Black) (Polyethylene Foam)

Wrench Hole for Reset
Hexagon Socket Set Screw M5x0.8
Cushion Sheet
Recommended Tolerance of Mating Shaft : h7
Operating Temperature: -10°C~60°C

To set the zero, remove the cap and turn slowly with a hex wrench (3mm hex)

Vertical Spindle Large



With Counter Reset RoHS10

Type	Cover		Back Plate	Sleeve		Accessory	
5-Digit Type	Material	Color	Material	Material	Surface Treatment		
DPZR, DPZL DSZR, DSZL	Nylon	Orange Silver	Polyphenylene Ether	EN 1.0736 Equiv.	Black Oxide	Set Screw (Black) (EN 1.7220 Equiv.)	Cushion Sheets (Black) (Polyethylene Foam)

Wrench Hole for Reset
Hexagon Socket Set Screw M5x0.8
Cushion Sheet
Recommended Tolerance of Mating Shaft : h7
Operating Temperature: -10°C~60°C

To set the zero, remove the cap and turn slowly with a hex wrench (3mm hex)

Digital Position Indicators Large has a fixed I.D. (20mm). Shafts whose O.D. is less than 20mm are used with a collar attached.

Part Number	Type	Spindle Pitch	When Indicator Collar is added		Count Increment per Revolution	Maximum Rotational Speed (rpm)	Main Body Mass (g)	Indicator only Unit Price	With Collar Unit Price
			Collar Code	Collar I.D. Selection					
(Orange) (Silver)		3	(With Collar)		0003.0	100	100		
DPL DSL R	(3-Digit - Right Turn)	4	-CSE	(Only when Collar is added)	0004.0	75			
DPR DSR L	(5-Digit - Left Turn)	5	(No Collar)	10, 12, 14, 15, 16, 17	0005.0	60			
DPZ DSZ		6	Not Specified		0006.0	50			

When opting to add a collar, be sure to specify the appropriate collar I.D. as well as the collar code. For the spindle pitch, specify the same value as the current lead screw has.

Alterations	Part Number	(CSE)
	DPLR5	- CSE15

Alteration	Code	Spec.
Includes an Indicator Collar in the set Indicator Collar Details		
Shafts whose O.D. is less than 20mm are used with a collar attached. Please select a collar with an I.D. of required shaft diameter, and order as an alteration. Ordering Code DPLR3-CSE 14 Add the needed collar "d" after the Indicator model number.	CSE	
Collar Dimension 10 -CSE10 Collar Dimension 12 -CSE12 Collar Dimension 14 -CSE14 Collar Dimension 15 -CSE15 Collar Dimension 16 -CSE16 Collar Dimension 17 -CSE17		

Ordering Example	Part Number	Collar Code, I.D. d
	DPZR3	CSE10
	DPLR4	CSE12
	DSRL5	

For counter reset procedures, see P.810.
Features
Use with a lead screw with the same pitch. Display number and pitch number will be the same.
Counter Indication for both clockwise and counterclockwise rotation. The counter instantly indicates all zeros with the wrench hole for reset.

5-Digit Type	One	1/10
01230	4.1	5.8



Collar as an alteration enables screw shafts other than 20mm diameter (lead screws and slide screws, etc.) to be adapted to the indicators. Do not push the screw shaft into the indicator forcibly. Furthermore, insert the screw shaft vertically to the mounting hole.

Digital Position Indicators Compact

Standard / Front / Vertical



Compact units can be installed in small spaces. Four and five digit types are available.

Standard Spindle Compact



Without Counter Reset RoHS10

Type	Cover		Back Plate	Sleeve		Accessory	
4-Digit Type	Material	Color	Material	Material	Surface Treatment		
DPNR, DPNL DSNR, DSNL	Nylon	Orange Silver	Polyphenylene Ether	EN 1.0736 Equiv.	Black Oxide	Set Screw (Black) (EN 1.7220 Equiv.)	Cushion Sheets (Black) (Polyethylene Foam)

Hexagon Socket Set Screw M4x0.7
Cushion Sheet
Recommended Tolerance of Mating Shaft : h7
Operating Temperature: -10°C~60°C

Recommended Tolerance of Mating Shaft : h7

Front Spindle Compact



Without Counter Reset RoHS10

Type	Cover		Back Plate	Sleeve		Accessory	
4-Digit Type	Material	Color	Material	Material	Surface Treatment		
DPMR, DPML DSMR, DSML	Nylon	Orange Silver	Polyphenylene Ether	EN 1.0736 Equiv.	Black Oxide	Set Screw (Black) (EN 1.7220 Equiv.)	Cushion Sheets (Black) (Polyethylene Foam)

Hexagon Socket Set Screw M4x0.7
Cushion Sheet
Recommended Tolerance of Mating Shaft : h7
Operating Temperature: -10°C~60°C

Recommended Tolerance of Mating Shaft : h7

Vertical Spindle Compact



Without Counter Reset RoHS10

Type	Cover		Back Plate	Sleeve		Accessory	
4-Digit Type	Material	Color	Material	Material	Surface Treatment		
DPTR, DPTL DSTR, DSTL	Nylon	Orange Silver	Polyphenylene Ether	EN 1.0736 Equiv.	Black Oxide	Set Screw (Black) (EN 1.7220 Equiv.)	Cushion Sheets (Black) (Polyethylene Foam)

Hexagon Socket Set Screw M4x0.7
Cushion Sheet
Recommended Tolerance of Mating Shaft : h7
Operating Temperature: -10°C~60°C

Recommended Tolerance of Mating Shaft : h7

Digital Position Indicators Compact has a fixed I.D. (14mm). Shafts whose O.D. is less than 14mm are used with a collar attached.

Part Number	Type	Spindle Pitch	When Indicator Collar is added		Count Increment per Revolution	Maximum Rotational Speed (rpm)	Main Body Mass (g)	Indicator only Unit Price	With Collar Unit Price
			Collar Code	Collar I.D. Selection					
(Orange) (Silver)		2	(With Collar)		002.0	0002.0	150	44	
DPN DSN R	(4-Digit - Right Turn)	3	-CSE	(Only when Collar is added)	003.0	0003.0	100		
DPM DSM L	(5-Digit - Left Turn)	4	(No Collar)	6, 8	004.0	0004.0	75		
DPT DST		5	Not Specified	10, 12	005.0	0005.0	60		
		6			006.0	0006.0	50		

When opting to add a collar, be sure to specify the appropriate collar I.D. as well as the collar code. For the spindle pitch, specify the same value as the current lead screw has.

Alterations	Part Number	(CSE)
	DPNR2	- CSE8

Alteration	Code	Spec.
Includes an Indicator Collar in the set Indicator Collar Details		
Shafts whose O.D. is less than 14mm are used with a collar attached. Please select a collar with an I.D. of required shaft diameter, and order as an alteration. Ordering Code DPNR2-CSE 8 Add the needed collar "d" after the Indicator model number.	CSE	
Collar Dimension 6 -CSE6 Collar Dimension 8 -CSE8 Collar Dimension 10 -CSE10 Collar Dimension 12 -CSE12		

Ordering Example	Part Number	Collar Code, I.D. d
	DPTR2	CSE10
	DPML3	CSE12
	DPNFR4	

Features
Use with a lead screw with the same pitch. Display number and pitch number will be the same.
Counter Indication for both clockwise and counterclockwise rotation.
The leftmost position is blank on the 4-digit counter.

4-Digit Type	One tenth	1/100
1230	3.6	5.2



Collar as an alteration enables screw shafts other than 14mm diameter (lead screws and slide screws, etc.) to be adapted to the indicators. Do not push the screw shaft into the indicator forcibly. Furthermore, insert the screw shaft vertically to the mounting hole.