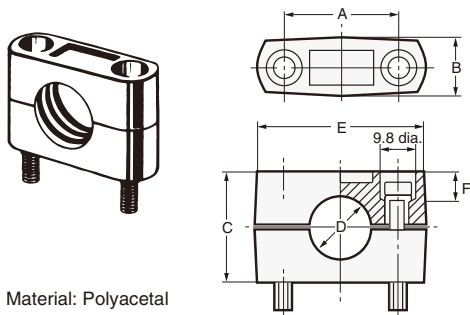


Mounting Brackets

Special resin mounting sleeves: Four different models available.
Simply select the size that fits the outside diameter of the Sensor.



Material: Polyacetal

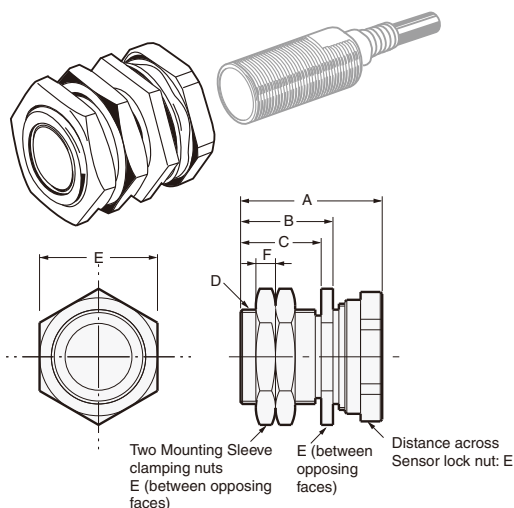
Mounting Bracket Dimensions

Item Model	Dimension (mm)						Applied hexagonal bolts	Applicable Sensor diameter
	A	B	C	D	E	F		
Y92E-B8	18±0.2	10 max.	18	8 dia.	28 max.	6	M4 × 20	M8
Y92E-B12	24±0.2	12.5 max.	20	12 dia.	37 max.	6	M4 × 25	M12
Y92E-B18	32±0.2	17 max.	30	18 dia.	47 max.	7	M5 × 32	M18
Y92E-B30	45±0.2	17 max.	50	30 dia.	60 max.	10	M5 × 50	M30

Note: Consider the influence of surrounding metal when mounting non-shielded Sensors. (Refer to information on individual Sensors for dimensions.)

Mounting Sleeves (Quick Mounting)

Once the Mounting Sleeve and Sensor have been set properly, readjustment is not required when replacing the Sensor.



Mounting Sleeve Dimensions

Item Model	Dimension (mm)						Applicable Sensors
	A	B	C	D	E (between opposing faces)	F	
Y92E-G8	Approx. 28	18.5	15.5	M12 × 1	17	4	E2E/E2E2 M8 Shielded Sensors
Y92E-G12	Approx. 29	20.5	17.5	M18 × 1	24	4	E2E/E2E2 M12 Shielded Sensors
Y92E-G18	Approx. 35	23.5	20.5	M24 × 1.5	30	5	E2E/E2E2 M18 Shielded Sensors
Y92E-G30	Approx. 39	27.5	24.5	M36 × 1.5	41	5	E2E/E2E2 M30 Shielded Sensors

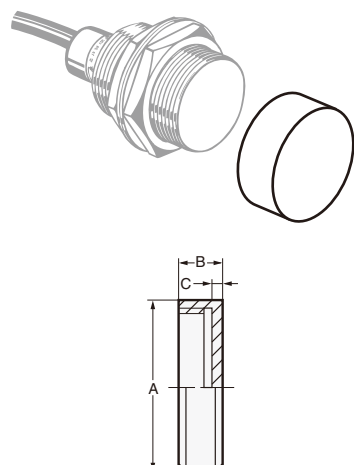
Note: Do not tighten the nut with excessive force. Do not exceed the torque in the following table.

Item Model	Mounting Sleeve clamping nuts	Sensor lock nut
Y92E-G8	18 N·m	6 N·m
Y92E-G12	40 N·m	15 N·m
Y92E-G18	70 N·m	15 N·m
Y92E-G30	100 N·m	30 N·m

Protective Covers

Covers are available to protect the Sensing Head.
Simply select the size that fits the outside diameter of the Sensor.

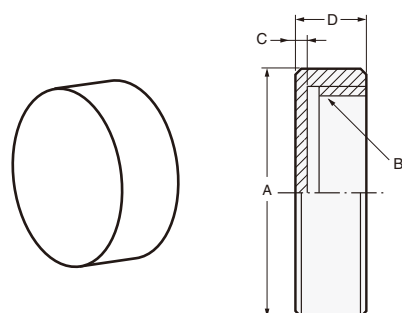
Protective Cover Dimensions



Item Model	Dimension (mm)			Cover inner diameter (threaded)	Material	Applicable Sensor diameter
	A	B	C			
Y92E-E12	14 dia.	5	$0.5^{+0.2}_{-0.1}$	M12 × 1	Polyacetal resin	M12 Shielded Models
Y92E-E18	21 dia.	6	1 ± 0.2	M18 × 1		M18 Shielded Models
Y92E-E30	33 dia.	8	1.5 ± 0.2	M30 × 1.5		M30 Shielded Models
Y92E-E12M	14 dia.	12	$0.5^{+0.2}_{-0.1}$	M12 × 1		M12 Unshielded Models
Y92E-E18M	21 dia.	16	1 ± 0.2	M18 × 1		M18 Unshielded Models
Y92E-E30M	33 dia.	21	1.5 ± 0.2	M30 × 1.5		M30 Unshielded Models

Sputter Protective Covers (Threaded on Inside of Cover)

The cover uses Fluororesin, so that chips that adhere due to sputtering can be easily removed.



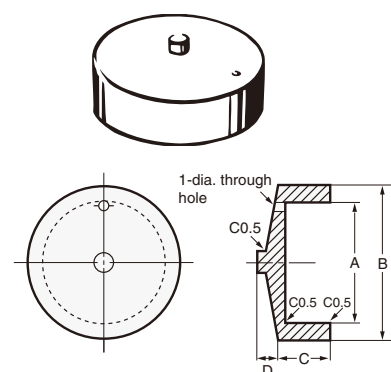
Sputter Protective Cover Dimensions

Item Model	Dimension (mm)				Applicable Sensor diameter
	A	B	C	D	
Y92E-E8-7	10 dia.	M8 × 1	$0.5^{+0.2}_{-0.1}$	5	M8 Shielded Models
Y92E-E12-7	14 dia.	M12 × 1	$0.5^{+0.2}_{-0.1}$	5	M12 Shielded Models
Y92E-E18-7	21 dia.	M18 × 1	1 ± 0.2	6	M18 Shielded Models
Y92E-E30-7	33 dia.	M30 × 1.5	1.5 ± 0.2	8	M30 Shielded Models

Note: Do not screw on too tightly, or the cap may be damaged.

Sputter Protective Covers (Not Threaded on Inside of Cover)

Chips that adhere due to sputtering can be easily removed.



Sputter Protective Cover Dimensions

Item Model	Dimension (mm)				Material	Applicable Sensor diameter
	A	B	C	D		
Y92E-E12-2	11.0 dia.	14.0 dia.	5.0	1.0	Silicon rubber	M12 Shielded Models
Y92E-E18-2	17.0 dia.	21 dia.	7.0	3.0		M18 Shielded Models
Y92E-E30-2	28.5 dia.	33.0 dia.	8.0	6.0		M30 Shielded Models

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