

Easy to Adjust for the Required Application with a Broad Range of Variations

- Easy to install and adjust on an aluminum frame or track.
- Tough design includes sturdy Cover Fittings for Sensor protection.



Ordering Information

Appearance		Name	Model	Applicable models		
				E3Z	E39-R1	E39-R3
	Sensor Adjuster *1	Horizontal mounting, flexible type	E39-L93FH	Yes	Yes *2	Yes
		Vertical mounting, flexible type	E39-L93FV	Yes	Yes *2	Yes
		Horizontal mounting, fixed type	E39-L93H	Yes	Yes *2	Yes
		Vertical mounting, fixed type	E39-L93V	Yes	Yes *2	Yes
		Shaft with XY joint	E39-L93XY	---	---	---
	Sensor Adjuster *1		E39-L150	Yes	---	Yes
			E39-L151	Yes	---	Yes
		Mounting Attachments for the E39-L93□ and E39-R1	E39-L96	---	Yes	---
		Cover Fitting for vertical type	E39-L98	Yes	---	---

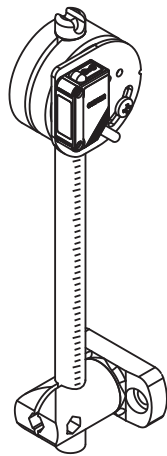
*1. The Sensor Adjuster does not include the Sensor. Order the Sensor separately according to the required application.

*2. The E39-L96 can be used for mounting.

Easy Mounting and Adjustment on Aluminum Frames and Tracks of Conveyors

● E39-L93 □ Sensor Adjuster

- 1. Set to any height up to 200 mm.
- 2. Fastens securely with M6 screws.

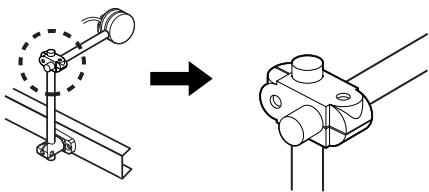


- 3. Variable pipe direction in increments of 45°

Flexible Mounting Types

Vertical Orientation	45° orientation	Horizontal Orientation
Vertical 0°	45° angle 45°	Horizontal 90°

- 4. Using a shaft with an XY joint enables detection from above the production line.

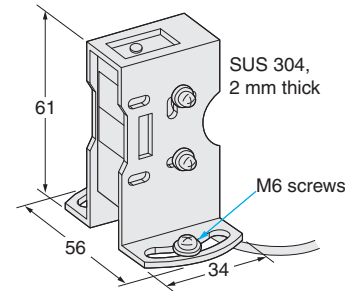


Tough Design Provides Strong, Durable Protection!

● E39-L98 Cover Fittings

- 1. M6 screws on both sides for strong mounting.
- 2. Stainless steel construction for excellent environmental resistance.

E39-L98



● Replacing E39-L93

Mounting pitch compatibility	Horizontal mounting	E39-L93H
	Vertical mounting	E39-L93V
Flexibility compatibility (without mounting pitch compatibility)	Horizontal mounting	E39-L93FH
	Vertical mounting	E39-L93FV
Top mounting	E39-L93H E39-L93V E39-L93FH E39-L93FV	Use the following model together with the models indicated on the left. E39-L93XY

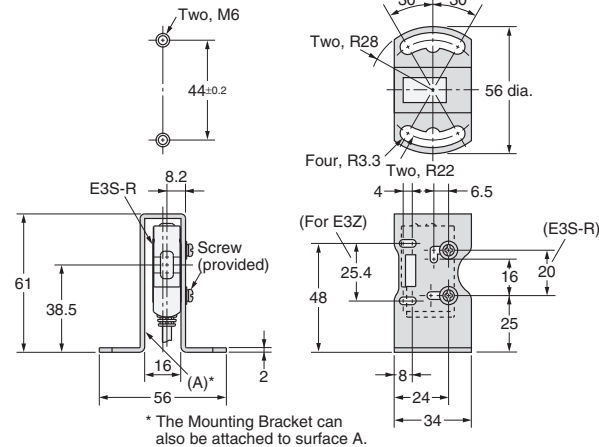
Dimensions

(Unit: mm)

Tolerance class IT16 applies to dimensions in this datasheet unless otherwise specified.

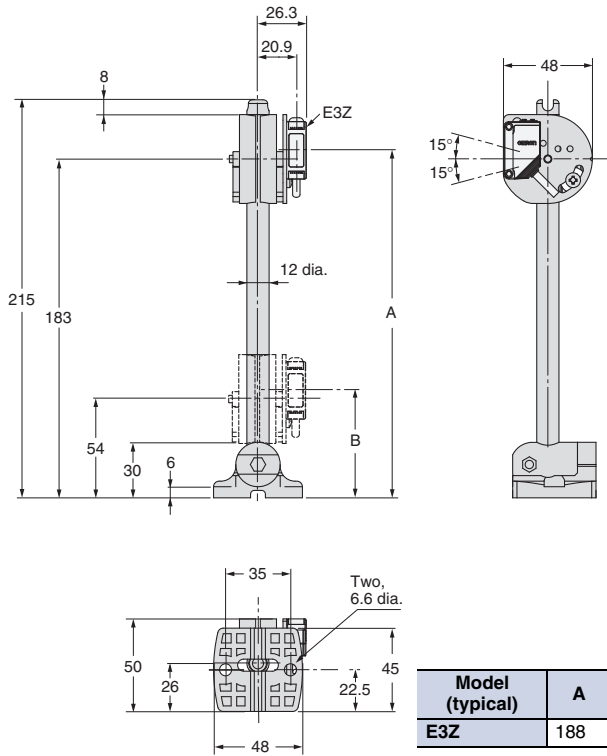
E39-L98

Mounting Holes

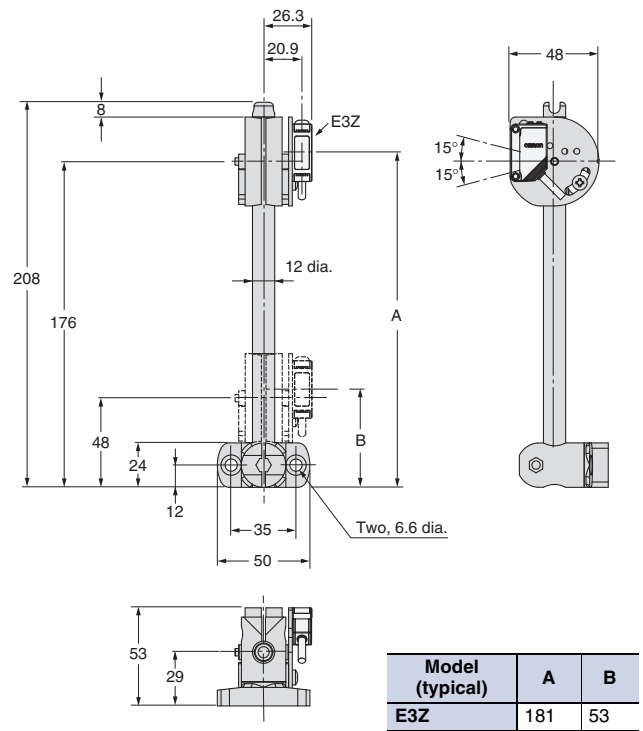


Material: Stainless steel (SUS304)

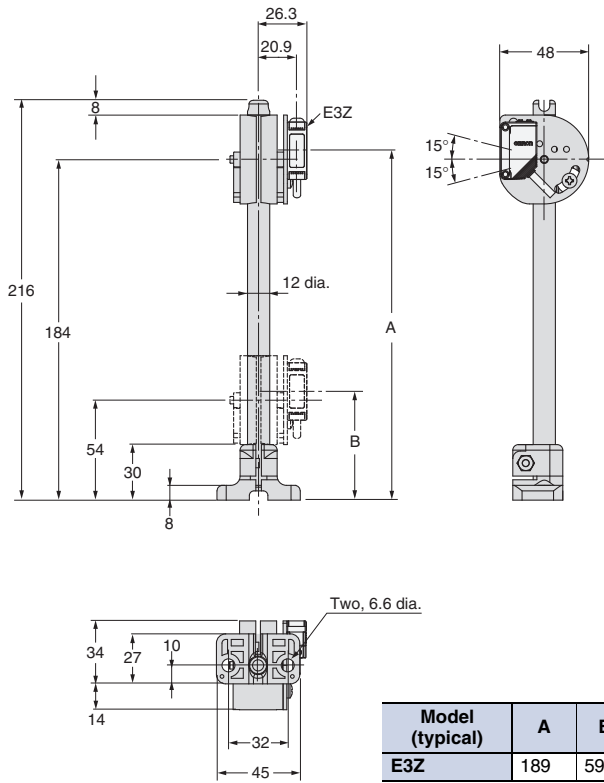
E39-L93FH



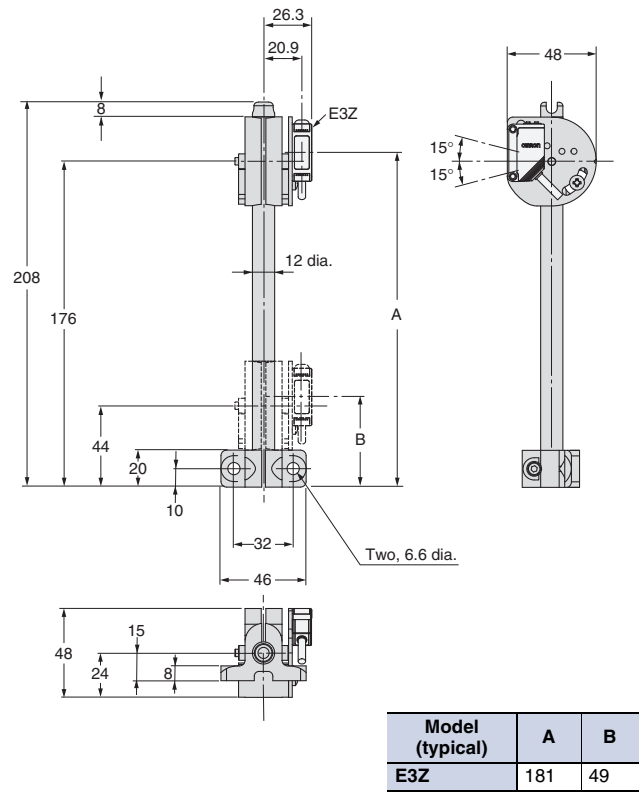
E39-L93FV



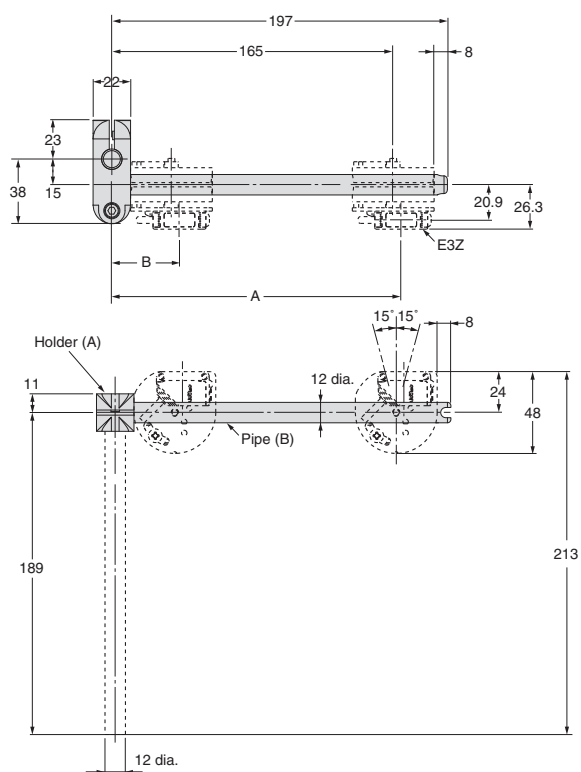
E39-L93H



E39-L93V



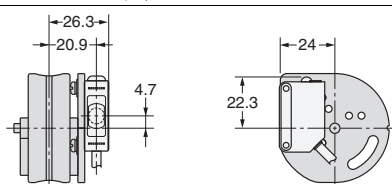
E39-L93XY



Model (typical)	A	B
E3Z	170	40

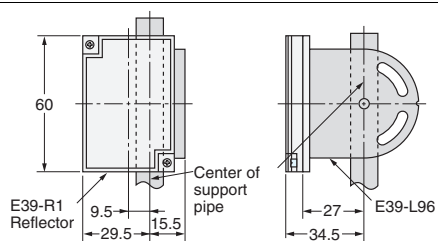
Note: The E39-L93XY consists of only the one joint holder (A) and pipe (B), and the two hexagonal bolts and nuts. It cannot be mounted to the Sensor alone.

E3Z
+
E39-L93 □



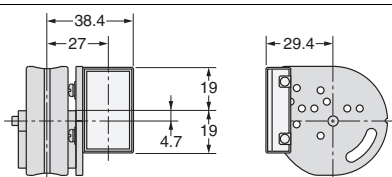
E39-R1
(Reflector)

+
E39-L93 □
Note: E39-L96
required.

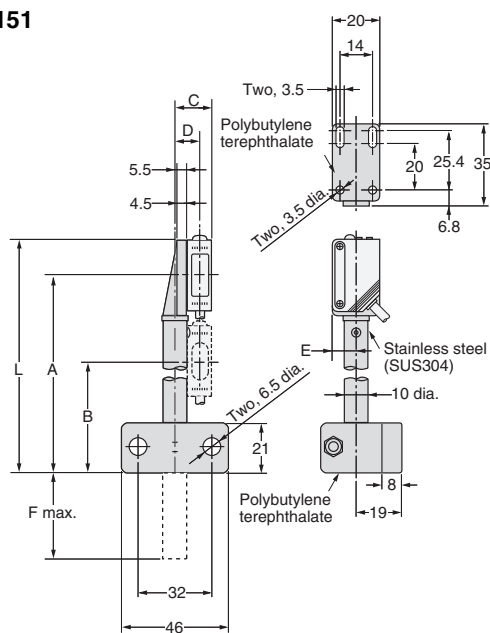


E39-R3
(Reflector)

+
E39-L93 □



E39-L150
E39-L151



E39-L150

Model (typical)	A	B	C	D	E	F
E3Z	84.5	47.5	16.3	10.9	10	37

Model	L
E39-L150	100
E39-L151	200

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