OMRON

Easy scale (linear encoder)

E6L

Best for conveyance use

- It is strong for scale fluttering because of an original optical system design (detection scale: 6 mm ±3 mm)
- · Low cost original optical system design
- Suitable for positioning of conveyance use 1 mm resolution
- Two types (280 mm and 475 mm) of detection scale length are available. Scale to be chosen as required.
- Extension of a detection stroke by two or more connection of a scale is possible.



Ordering Information

Linear encoder

Supply voltage	Resolution	Model
24 VDC	1 mm	E6L-HW4C

Detection scale

Overall length	Package	Model
280 mm	1	E6L-S1M-1280
	10	E6L-S1M-10280
475mm	1	E6L-S1M-1475
	10	E6L-S1M-10475

Dimensions (Unit: mm)

Linear encoder







Installation dimensions

E6L-HW4C+E6L-S1M-



E6L-S1M-1 475/E6L-S1M-10 475

475

455

8

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.

To convert millimeters into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.

Cat. No. F02E-EN-01

In the interest of product improvement, specifications are subject to change without notice.