

OMRON

# E39-L264

E3AS-HF 用 灵活安装支架

## 使用说明书

感谢您购买本产品，谨致谢意。

使用时请务必遵守以下内容。

- 请仔细阅读本使用说明书，并在充分理解的基础上正确使用。
- 请妥善保管本使用说明书，以便随时参阅。

オムロン株式会社

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## 安全上的要点

以下项目在安全确保方面非常重要，请务必遵守。

(1) 请在下述扭矩范围内拧紧螺丝。如果拧紧扭矩过大，可能会导致零部件损坏。

如果拧紧扭矩太小，可能会因振动或冲击导致零部件脱落。

M3:0.4~0.5N·m

M5:3.0~3.5N·m

## 使用上的注意

(1) 请不要在以下设置场所使用。

- 日光直射场所
- 含腐蚀性气体场所
- 振动或冲击能直接传送到传感器场所
- 周围环境条件超出规格值的场所

(2) 请使用附带的螺丝进行安装。

## 规格性能

|        |                                 |
|--------|---------------------------------|
| 安装角度   | 水平方向360°、垂直方向360°               |
| 使用周围温度 | -30~+55°C                       |
| 保存周围温度 | -40~+70°C                       |
| 振动(耐久) | 10~55Hz 双振幅1.5mm X、Y、Z各方向 2h    |
| 冲击(耐久) | 500m/s <sup>2</sup> X、Y、Z各方向 3回 |
| 材质     | 夹具:ZDC2 电镀Ni、托架:SUS304          |
| 支柱*1   | Φ12                             |
| 适用传感器  | 仅E3AS-HF                        |

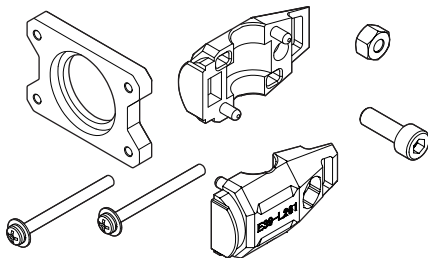
\*1. 适用支柱(E39-L262、E39-L263)为另售。

## 附属品

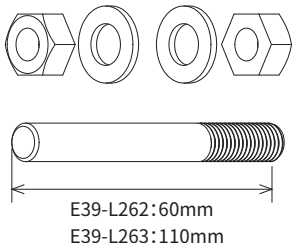
| 内部物品                 | 材质  | 数量 |
|----------------------|-----|----|
| 内六角螺栓M5×15           | SUS | 1  |
| 六角螺母M5               | SUS | 1  |
| 固定螺丝M3×35(带弹簧垫圈、平垫圈) | SUS | 2  |

## 内部物品

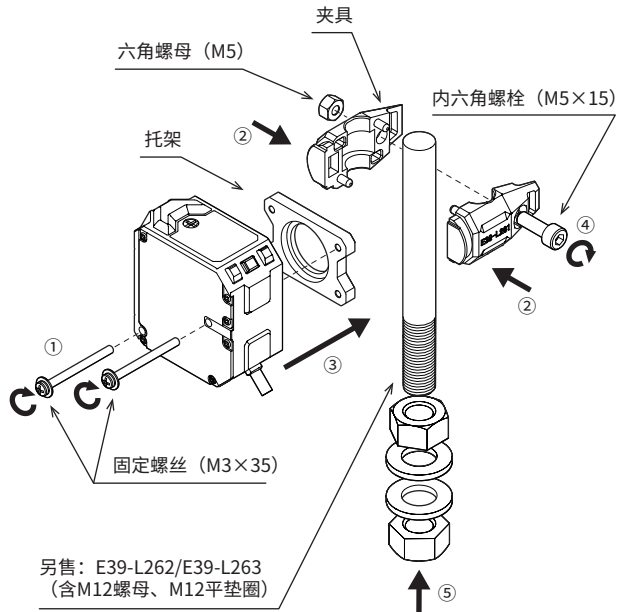
E39-L264(本产品)



E39-L262/E39-L263(另售)



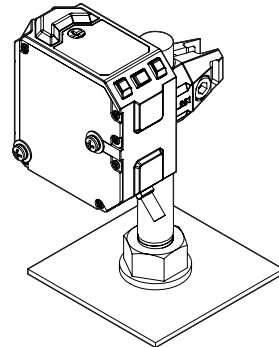
## 安装方法



## 安装步骤

- ① 请用M3固定螺丝在托架上安装传感器。
- ② 请在支柱(另售)上安装夹具。
- ③ 请将安装了传感器的托架与夹具前端的卡槽配合。
- ④ 请用M5内六角螺栓与M5六角螺母固定夹具。
- ⑤ 请用M12螺母与M12平垫圈(另售)，将支柱安装到设备上。

## 完成图



## 承诺事项

本公司产品是作为工业通用品而设计制造的。因此，不适用于以下用途，当本公司产品被使用于以下用途时，本公司不做任何保证。但若是本公司特意为以下用途而设计、或有过特别协商的情况下，可以用于以下用途。  
(a)需要高度安全性的用途(例：用于原子能控制设备、焚烧设备、航空·宇宙设备、铁道设备、升降设备、娱乐设备、医用器、安全装置、或其他可能危及到生命·人身安全的用途)  
(b)需要高可靠性的用途(例：煤气·水力·电力等的供给系统、24小时连续运转系统、决策系统、或其他牵涉到权利·财产的用途)  
(c)苛刻条件或环境下的用途(例：室外设备、易受化学污染的设备、易受电磁干扰的设备、易受震动·冲击的设备等)  
(d)产品手册里未记载的条件或环境下的用途  
\*除上述(a)到(d)的记载事项，本产品手册等记载的商品不适用于机动车(包括二轮车，以下相同)。请勿搭载于机动车上使用。机动车搭载用商品请咨询本公司销售人员。  
\*以上是适用条件的一部分。详情请参阅记载于本公司最新版的综合产品目录，使用手册上的保证·免责事项后再使用。

## 制造商

欧姆龙(上海)有限公司  
地址:中国(上海)自由贸易试验区金吉路789号  
电话:(86)21-5050-9988

## 技术咨询

欧姆龙(中国)有限公司  
地址:中国上海市浦东新区银城中路200号中银大厦2211室  
电话:(86)21-6023-0333  
技术咨询热线:400-820-4535  
网址:<http://www.fa.omron.com.cn>

OMRON Corporation

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# Model E39-L264

## Flexible Mounting Bracket for E3AS-HF INSTRUCTION SHEET

Thank you for selecting OMRON product. This sheet primarily describes precautions. Before operating the product, read the sheet thoroughly to acquire sufficient knowledge of the product. For your convenience, keep the sheet at your disposal.



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### Precautions for Safe Use

- Please observe the following precautions for safe use of the products.
- (1) Tighten the screws within the following tightening torque range. If the tightening torque is too large, the parts may be damaged. If it is too small, the parts may come off due to vibration or impact.  
M3: 0.4 to 0.5 N·m  
M5: 3.0 to 3.5 N·m

### Precautions for Correct Use

- (1) Do not use the product under the following conditions.
  - In the place exposed to the direct sunlight.
  - In the place where corrosive gas exists.
  - In the place where vibration or shock is directly transmitted to the product.
  - In an ambient atmosphere or environment that exceeds the ratings.
- (2) Use the supplied screws for installation.

### ■ Ratings and Specifications

|                                 |                                                                                |
|---------------------------------|--------------------------------------------------------------------------------|
| Mounting angle                  | 360° horizontal, 360° vertical                                                 |
| Ambient temperature (Operating) | -30 to 55°C                                                                    |
| Ambient temperature (Storage)   | -40 to 70°C                                                                    |
| Vibration resistance            | 10 to 55 Hz, 1.5-mm double amplitude for 2 hours each in X, Y and Z directions |
| Shock resistance                | 500 m/s <sup>2</sup> 3 times each in X, Y and Z directions                     |
| Material                        | Clamp: ZDC2 Ni plating, Bracket: SUS 304                                       |
| Post * 1                        | 12 dia.                                                                        |
| Applicable sensor               | E3AS-HF only                                                                   |

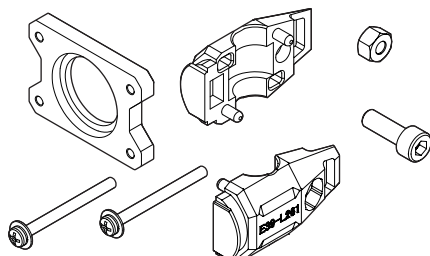
\*1. Applicable posts (E39-L262 and E39-L263) are sold separately.

### ■ Accessories

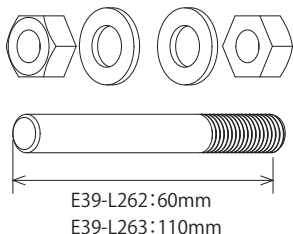
| Contents                                             | Material | Qty |
|------------------------------------------------------|----------|-----|
| Hexagon socket head cap screw M5 x 15                | SUS      | 1   |
| Hexagon nut M5                                       | SUS      | 1   |
| Fixing screw M3 x 35 (with spring and plain washers) | SUS      | 2   |

### ■ Contents

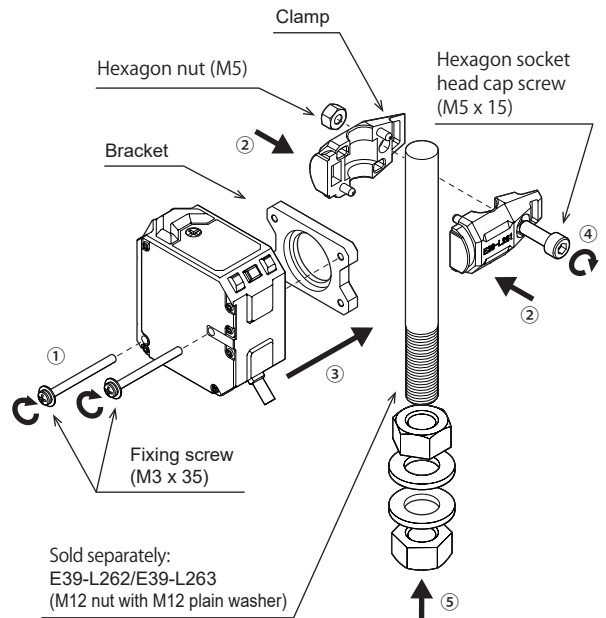
E39-L264 (this product)



E39-L262/E39-L263 (sold separately)



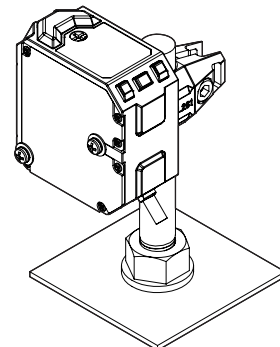
### ■ Installation



#### Installation procedure

- ① Mount the sensor to the bracket with the M3 screws.
- ② Attach the clamp to the post (sold separately).
- ③ Fit the sensor bracket into the groove on the clamp tip.
- ④ Secure the clamp with bolt M5 with hexagonal hole and M5 hexagon nut.
- ⑤ Use M12 nuts and M12 plain washers (sold separately) to attach the post to the equipment.

#### Final drawing



### Suitability for Use

OMRON Corporation shall not be responsible for conformity with any standards, codes or regulations which apply to the combination of the Product in the Buyer's application or use of the Product. At Buyer's request, Omron will provide applicable third party certification documents identifying ratings and limitations of use which apply to the Product. This information by itself is not sufficient for a complete determination of the suitability of the Product in combination with the end product, machine, system, or other application or use. Buyer shall be solely responsible for determining appropriateness of the particular Product with respect to Buyer's application, product or system. Buyer shall take application responsibility in all cases.

NEVER USE THE PRODUCT FOR AN APPLICATION INVOLVING SERIOUS RISK TO LIFE OR PROPERTY WITHOUT ENSURING THAT THE SYSTEM AS A WHOLE HAS BEEN DESIGNED TO ADDRESS THE RISKS, AND THAT THE OMRON PRODUCT(S) IS PROPERLY RATED AND INSTALLED FOR THE INTENDED USE WITHIN THE OVERALL EQUIPMENT OR SYSTEM.

#### OMRON Corporation (Manufacturer)

Shiokoji Horikawa, Shimogyo-ku, Kyoto, 600-8530 JAPAN

Contact: [www.ia.omron.com](http://www.ia.omron.com)

#### Regional Headquarters

##### ■ OMRON EUROPE B.V. (Importer in EU)

Wegalaan 67-69, 2132 JD Hoofddorp  
The Netherlands  
Tel: (31)2356-81-300/Fax: (31)2356-81-388

##### ■ OMRON ELECTRONICS LLC

2895 Greenspoint Parkway, Suite 200  
Hoffman Estates, IL 60169 U.S.A.  
Tel: (1) 847-843-7900/Fax: (1) 847-843-7787

##### ■ OMRON ASIA PACIFIC PTE. LTD.

438B Alexandra Road, #08-01/02  
Alexandra Technopark,  
Singapore 119968  
Tel: (65) 6835-3011/Fax: (65) 6835-3011

##### ■ OMRON (CHINA) CO., LTD.

Room 2211, Bank of China Tower,  
200 Yin Cheng Zhong Road,  
PuDong New Area, Shanghai, 200120, China  
Tel: (86) 21-6023-0333/Fax: (86) 21-5037-2388