

OMRON

形E39-L261

光电传感器用 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	-25~+55°C
保存周围温度	-40~+70°C
振动 (耐久)	10~55Hz 双振幅1.5mm X,Y,X各方向 2h
冲击 (耐久)	500m/s ² X,Y,X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	E3AS-F、E3AS-L、E3AS-HL、E3Z、E3ZR、E3ZM

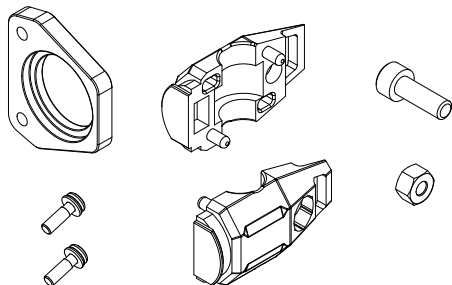
*1. 适用支柱 (形E39-L262、形E39-L263) 另售。

附属品

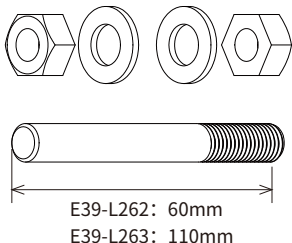
内部物品	材质	数量
内六角螺栓M5×15	SUS	1
六角螺母 M5	SUS	1
固定螺丝M3×10 (带弹簧垫圈、平垫圈)	SUS	2

内部物品

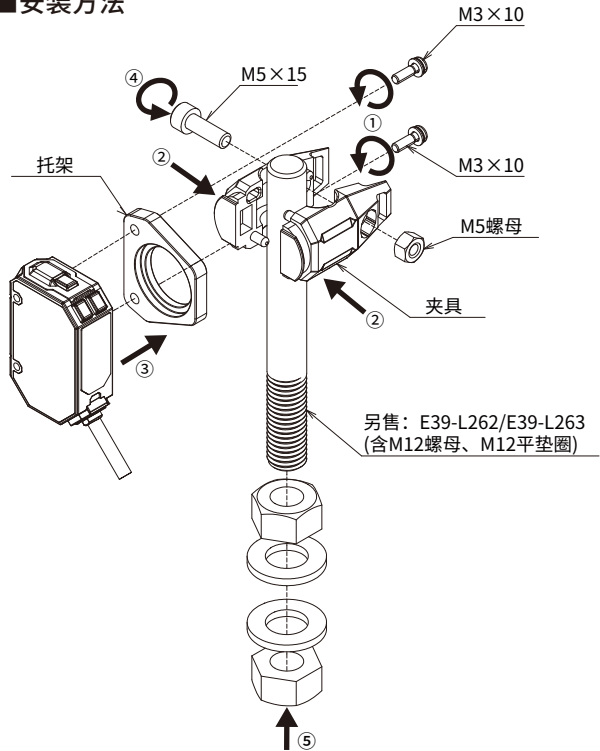
E39-L261 (本产品)



E39-L262/E39-L263 (另售)



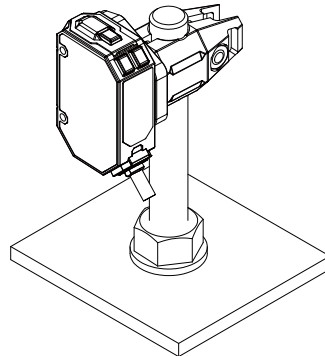
安装方法



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 请使用M5内六角螺栓与M5六角螺母固定夹具。
- ⑤ 请使用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产品而设计制造的。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、医用器械、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)-(d) 的记载事项，本产品手册等记载的商品不适用于机动车 (包括两轮车，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·免责声明后再使用。

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OMRON Corporation

OMRON

Model E39-L261

Flexible Mounting Bracket for Photoelectric Sensor

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)	-25 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 ² 3 times each in X, Y and Z directions
Material	Clamp: ZDC2 Ni plating, Bracket: SUS 304
Post *1	12 dia.
Applicable sensor	E3AS-F, E3AS-L, E3AS-HL, E3Z, E3ZR, E3ZM

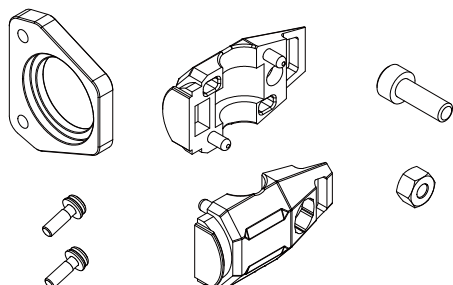
*1. Applicable posts (E39-L262 and E39-L263) are sold separately.

Accessories

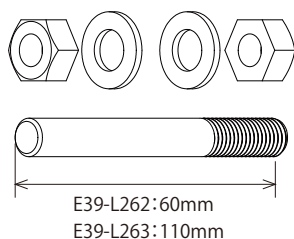
Contents	Material	Qty
Hexagon socket head cap screw M5 x 15	SUS	1
Hexagon nut M5	SUS	1
Fixing screw M3 x 10 (with spring and plain washers)	SUS	2

Contents

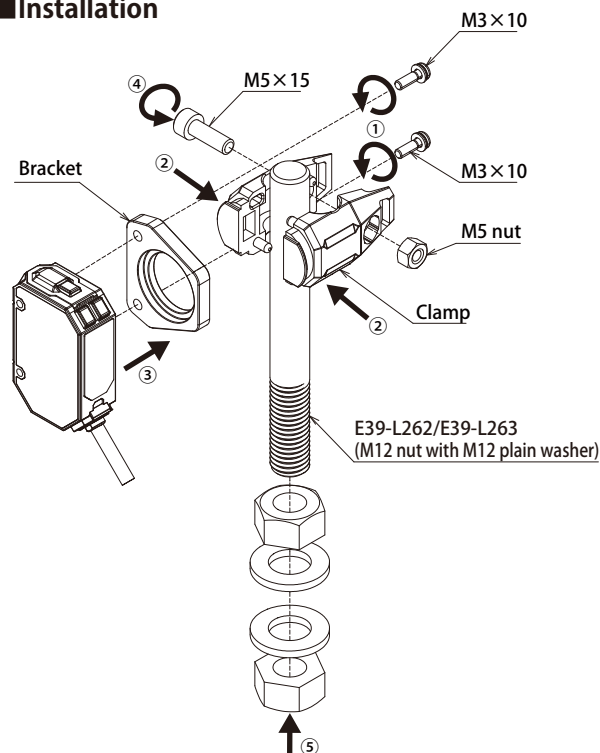
E39-L261 (this product)



E39-L262/E39-L263 (sold separately)



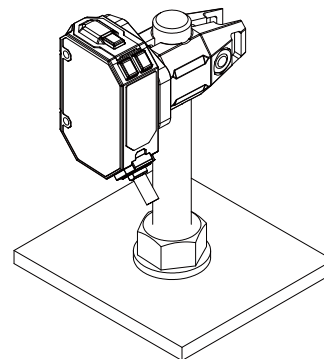
Installation



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.

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