

## Mounting brackets for photoelectric and inductive sensors

## E39-L

The E39-L series of mounting brackets provides installation support and optionally additional protection for photoelectric and inductive sensors.

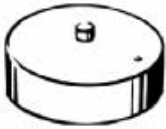
- Mounting brackets for square and cylindrical shapes
- Ground, back wall, side wall or 360° mounting types



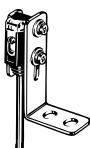
## Ordering information

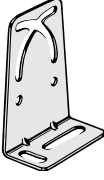
For cylindrical shapes

| Shape | Product group     | Type                        | Housing material | Features                                                                                                      | Applicable sensors                            | Order code                                      |
|-------|-------------------|-----------------------------|------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------------|
|       | Mounting brackets | general purpose - screw fix | plastic          | - cost efficient mounting bracket<br>- for M8, M12, M18, M30<br>- surface mounting                            | -E3F2<br>-E2A                                 | Y92E-B8<br>Y92E-B12<br>Y92E-B18<br>Y92E-B30     |
|       |                   | general purpose - snap fix  | stainless steel  | - for dia 20 mm                                                                                               | -E3FZ (snap mount)                            | E39-EL8                                         |
|       |                   |                             |                  | - for M18                                                                                                     | -E3FZ (mounting with M18 nuts)<br>-E3F2       | E39-EL12                                        |
|       |                   | general purpose - screw fix | plastic          | - for dia 34 mm                                                                                               | -E2K-C                                        | Y92E-A34                                        |
|       |                   | quick access - snap fix     |                  | - snap fix for quick sensor access<br>- for M8, M12, M18, M30<br>- surface mounting                           | -E3F2 (metal housing)<br>-E2A (metal housing) | Y92E-BC8<br>Y92E-BC12<br>Y92E-BC18<br>Y92E-BC30 |
|       |                   | quick access - clamp fix    | stainless steel  | - clamp fix for quick sensor access with exact repositioning<br>- for M8, M12, M18, M30<br>- through mounting |                                               | Y92E-G8<br>Y92E-G12<br>Y92E-G18<br>Y92E-G30     |

| Shape                                                                             | Product group     | Type                                   | Housing material           | Features                                                                               | Applicable sensors | Order code                                  |
|-----------------------------------------------------------------------------------|-------------------|----------------------------------------|----------------------------|----------------------------------------------------------------------------------------|--------------------|---------------------------------------------|
|   | Protective covers | general purpose sensor head protection | polyarylate                | - for M8, M12, M18, M30<br>- for shielded and unshielded                               | -E2A               | Y92E-E8<br>Y92E-E12<br>Y92E-E18<br>Y92E-E30 |
|  |                   | sputter protection for sensor head     | silicone rubber            | - increased protection in weld fields<br>- for M12, M18, M30<br>- for shielded sensors |                    | Y92E-E12-2<br>Y92E-E18-2<br>Y92E-E30-2      |
|  |                   | general purpose lens protection        | metal rim with glass cover |                                                                                        | E3F2               | E39-F31                                     |

#### For square shapes

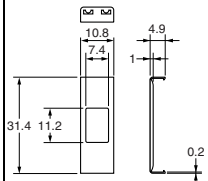
| Shape                                                                               | Type                     | Housing material          | Features                                    | Mounting type      | Applicable Sensors | Order code |
|-------------------------------------------------------------------------------------|--------------------------|---------------------------|---------------------------------------------|--------------------|--------------------|------------|
|   | General purpose mounting | Stainless steel (SUS 304) | inclination angle adjustment                | side wall mounting | E3Z                | E39-L43    |
|  |                          |                           |                                             | back wall mounting |                    | E39-L44    |
|  |                          |                           | horizontal and inclination angle adjustment | surface mounting   | E3T-S              | E39-L104   |
|  |                          |                           | up/down position adjustment                 | back wall mounting |                    | E39-L117   |
|  |                          |                           |                                             | surface mounting   |                    | E39-L116   |

| Shape                                                                               | Type                     | Housing material          | Features                     | Mounting type               | Applicable Sensors | Order code             |
|-------------------------------------------------------------------------------------|--------------------------|---------------------------|------------------------------|-----------------------------|--------------------|------------------------|
|    | General purpose mounting | Stainless steel (SUS 304) | up/down position adjustment  | back wall mounting          | E3T-F              | E39-L119               |
|    |                          |                           |                              | side wall mounting          |                    | E39-L120               |
|    |                          |                           | inclination angle adjustment | back wall mounting          | E3G-R              | E39-L132               |
|   |                          |                           |                              | side and back wall mounting |                    | E39-L131               |
|  |                          |                           |                              | surface mounting            | E3G-L              | -E39-L139<br>-E39-L140 |

| Shape                                                                               | Type                     | Housing material          | Features                     | Mounting type                       | Applicable Sensors    | Order code |
|-------------------------------------------------------------------------------------|--------------------------|---------------------------|------------------------------|-------------------------------------|-----------------------|------------|
|    | General purpose mounting | Stainless steel (SUS 304) | 3D rotation                  | surface, side and backwall mounting | E3G, E3Z              | E39-EL4    |
|    |                          |                           |                              |                                     | E3T, E3Z, E3C         | E39-EL5    |
|   |                          |                           |                              |                                     |                       | E39-EL6    |
|  | Side protection          |                           | inclination angle adjustment | protective side wall mounting       | E3T-S                 | E39-L118   |
|  | Full protection          |                           | inclination angle adjustment | protective side wall mounting       | E3Z (pre-wired types) | E39-L142   |
|   |                          |                           | horizontal angle adjustment  | protective surface mounting         |                       | E39-L144   |
|   |                          |                           |                              |                                     | -E3Z                  | E39-L98    |

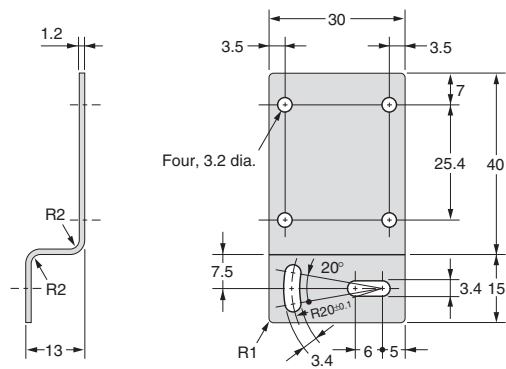
| Shape                                                                              | Type               | Housing material          | Features                                             | Mounting type                             | Applicable Sensors  | Order code             |
|------------------------------------------------------------------------------------|--------------------|---------------------------|------------------------------------------------------|-------------------------------------------|---------------------|------------------------|
|   | Telescope mounting | Stainless steel (SUS 304) | - 360° horizontal rotation<br>- max telescope length | side and back wall mounting               | -E3Z<br>-E39-R3     | -E39-L150<br>-E39-L151 |
|   |                    |                           | 3D rotation around x, y, and z-axis                  | side wall, back wall and surface mounting |                     | E39-L93FH<br>E39-L93FV |
|   |                    |                           | Extension pipe with XY joint                         | pipe mounting                             | E39-L93_            | E39-L93XY              |
|  |                    |                           | Reflector adapter for E39-L93_                       | telescope mounting                        | -E39-R1<br>-E39-R1S | E39-L96                |

Slit, filters and other accessories

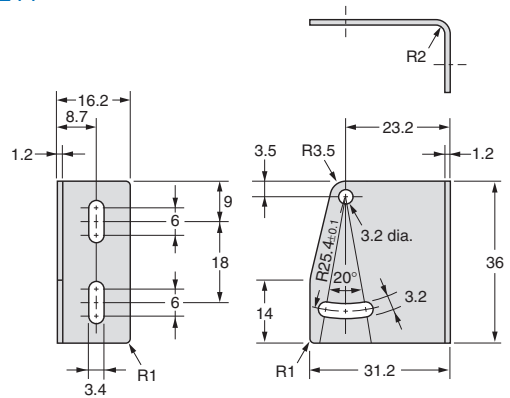
| Shape                                                                               | Type                           | Features                                                                      | Mounting type | Applicable Sensors                                    | Order code           |
|-------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------|---------------|-------------------------------------------------------|----------------------|
|    | Precision detection slit cover | - slit width from dia 0.5 mm for min object size detection of dia 0.2 mm      | snap on       | E3Z-T                                                 | E39-S65              |
|    |                                |                                                                               |               | E3T-□T                                                | -E39-S63<br>-E39-S64 |
|     | Mutual interference prevention | polarizing filter for close mounting of multiple sensors through beam sensors |               | E3Z-T□A                                               | E39-E11              |
|   | Adjustment aid                 | adjustment aid for sensitivity adjustment                                     |               | E3T-ST1                                               | E39-E10              |
|  |                                |                                                                               |               | photo electric sensors with adjustable potentiometers | E39-G2               |

Dimensions

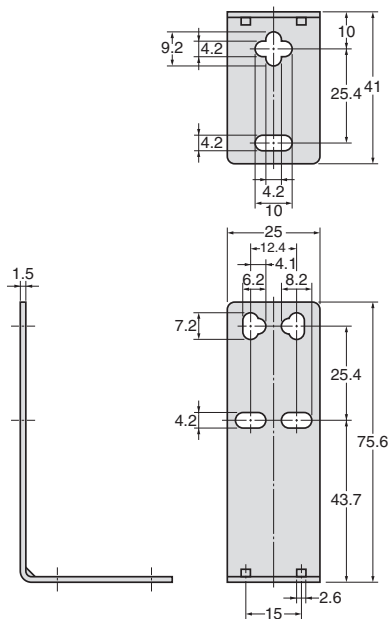
E39-L43



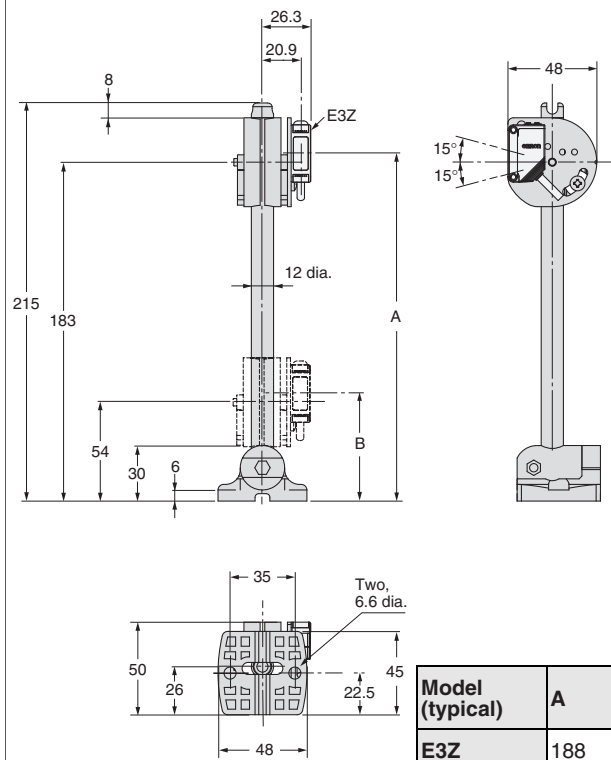
E39-L44



E39-L87

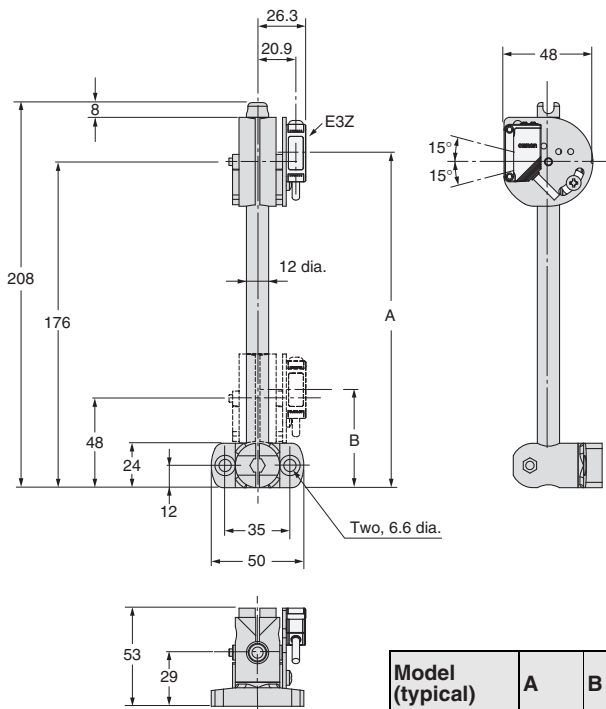


E39-L93FH

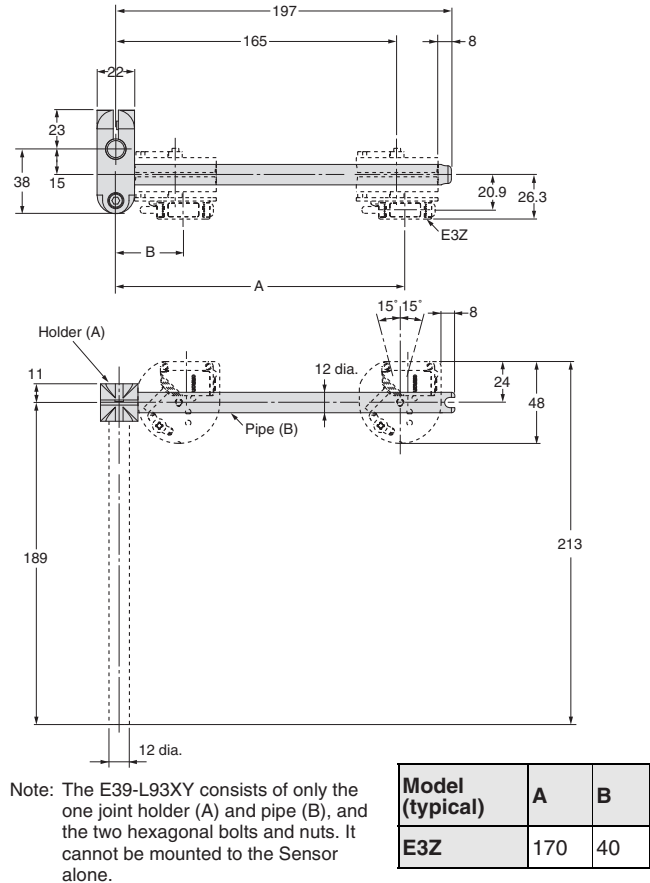


| Model (typical) | A   | B  |
|-----------------|-----|----|
| E3Z             | 188 | 59 |

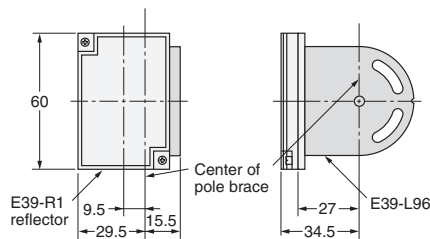
### E39-L93FV



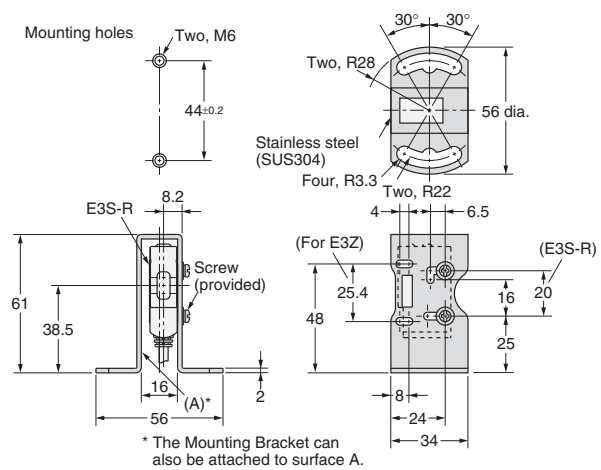
### E39-L93XY



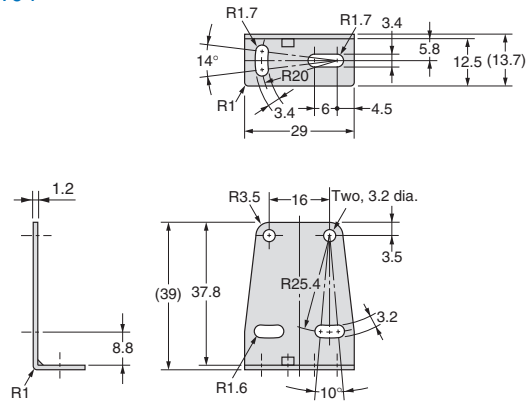
### E39-L96



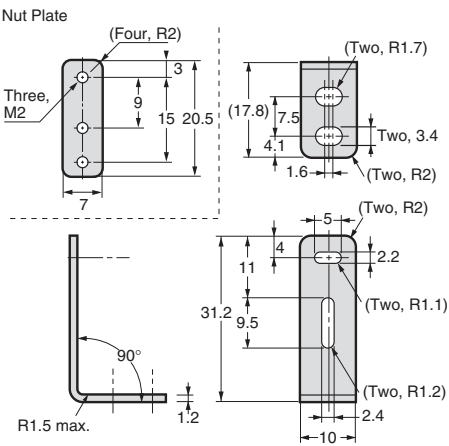
### E39-L98 (Vertical)



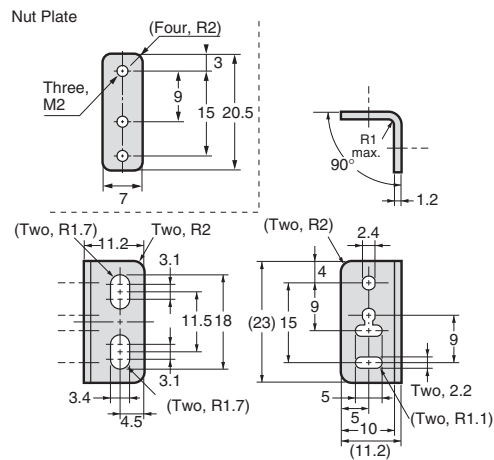
E39-L104



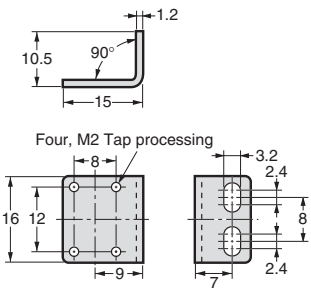
E39-L116



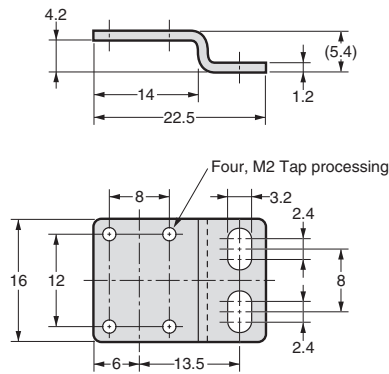
E39-L117



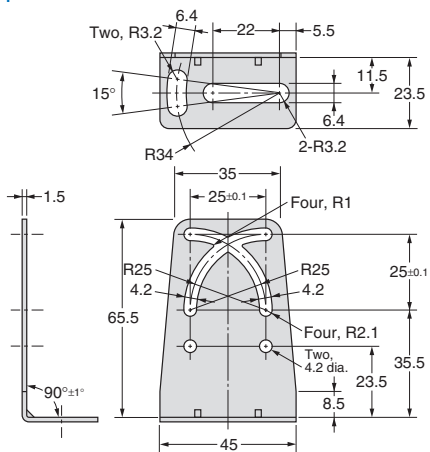
E39-L119



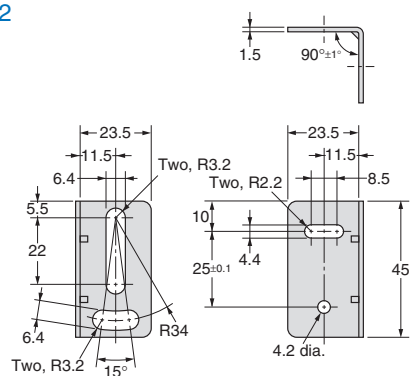
E39-L120



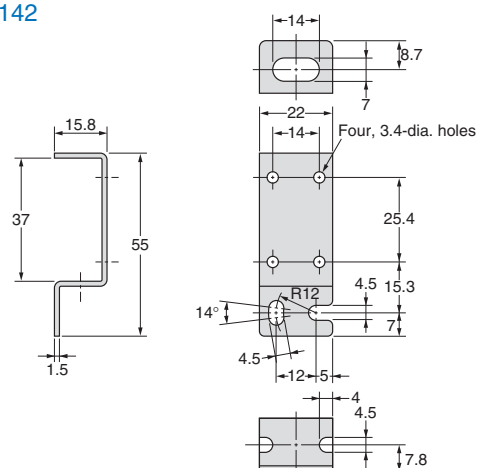
E39-L131



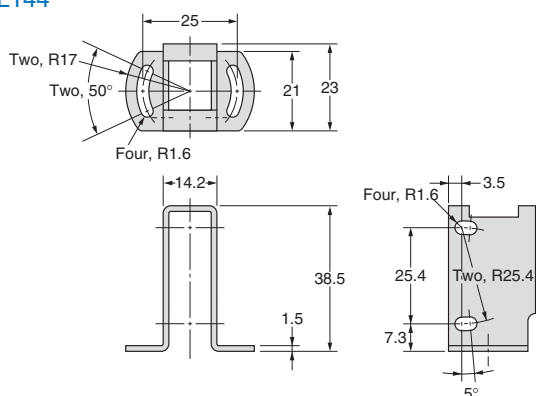
E39-L132



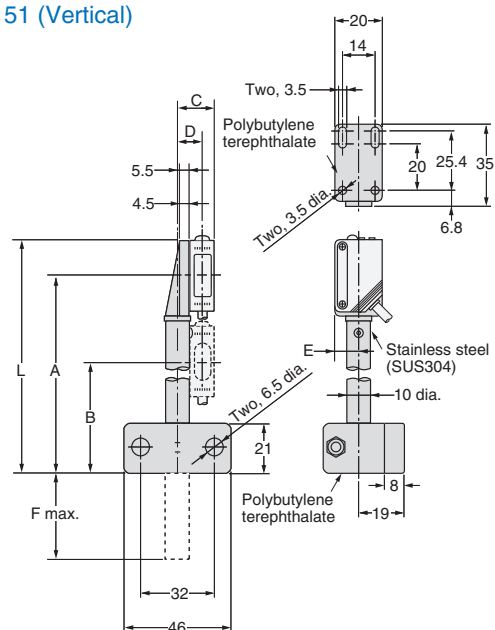
E39-L142



E39-L144



E39-L150 (Vertical)  
E39-L151 (Vertical)



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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