

## Photoelectric Sensor Accessories

## E39-L/E39-R/E39-S


 Quick Link  
D063

## Mounting Brackets

- Brackets enhance mounting flexibility
- Protective mounts fortify sensors against contact damage
- Height adjustable and rotating mounts available



## Mounting Brackets

Applicable sensor	Description	Bracket materials	Hardware included	Model
E3Z, E3Z-B, E3Z-L, E3Z-LS, E3Z-T	Tall L-bracket	304 stainless steel	M3x8 slotted/Phillips screws with spring and plain washers	E39-L153
	Standard L-bracket, horizontal			E39-L104
	Horizontal mounting bracket, 20-degree angle adjustability			E39-L43
	Compact vertical protective cover bracket			E39-L142
	Rear mounting vertical L-bracket			E39-L44
	Vertical protective cover bracket	304 stainless steel	M3x12 slotted/Phillips screws with spring and plain washers	E39-L98
	Short protective cover bracket, 5-degree angle adjustability			E39-L144
	Short post mount for E3S-R6 and E3S-R8	304 and XM7 stainless steel, PBT	Post, screws, nut and bolt, holder/bracket	E39-L150
	Tall post mount for E3S-R6 and E3S-R8			E39-L151
	Adjustable height and angle bracket for sensors; horizontal mounting rotates every 45 degrees			E39-L93FH
	Adjustable height and angle bracket for sensors; vertical mounting rotates every 45 degrees			E39-L93FV
	Adjustable height and angle bracket for sensors; fixed horizontal base mounting			E39-L93H
Adjustable height and angle bracket for sensors; fixed vertical base mounting	E39-L93V			
E3T	Horizontal L-bracket for E3T-S side view sensors	304 stainless steel	Not provided	E39-L116
	Vertical L-bracket for E3T-S side view sensors			E39-L117
	Vertical S-bracket for E3T-S side view sensors			E39-L118
	Vertical L-bracket for E3T-F flat sensors			E39-L119
	Vertical S-bracket for E3T-F flat sensors			E39-L120
E3F2	Mounting block for sensor, screw mount	Plastic	M5x32 bolt	Y92E-B18
	Mounting bracket for sensor, quick access type	Nickel plated brass	Not provided	Y92E-G18S
E39-R1 reflector	Mounting bracket; M5 threaded stud and nut	Iron	M5 spring washer and nut	E39-L7
E3S-C	L-bracket, vertical	304 stainless steel	M4x12 hex bolts with spring and plain washers	E39-L87
E3JK, F3C-AA, F3C-AL	L-bracket	Zinc-plated iron	M4x25 Phillips screws	E39-L40
E3JM	L-bracket	Zinc-plated iron	Not provided	E39-L53

## Mounting Brackets (Continued)

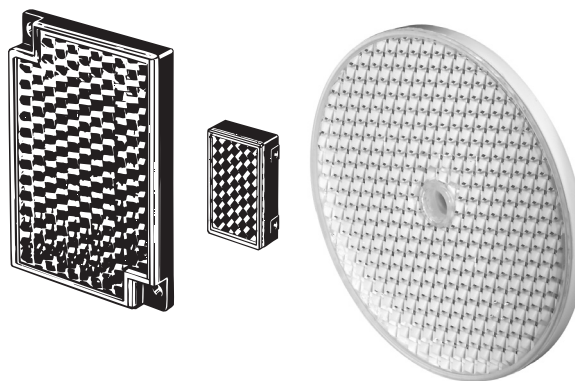
Applicable sensor	Description	Bracket materials	Hardware included	Model
E3G	L-bracket for E3G-R1/E3G-L7	304 stainless steel	M4x25 slotted/Phillips screws with spring and plain washers	E39-L131
	L-bracket for rear mounting E3G-R1/E3G-L7			E39-L132
	L-bracket for E3G-MR/E3G-ML, narrow base	304 stainless steel	M4x35 slotted/Phillips screws with spring and plain washers	E39-L135
	L-bracket for E3G-MR/E3G-ML			E39-L136
E3L	L-bracket for E3L-2□4-50, E3L-2RC4	Zinc plated iron	M4x12 hex bolts with spring and plain washers	E39-L6
	L-bracket for E3L-DS50E4-50	Zinc plated iron	M4x20 hex bolts with spring and plain washers	E39-L5
E3S-A	L-bracket for horizontal sensors	304 stainless steel	M3x12 slotted/Phillips screws with spring and plain washers	E39-L69
	L-bracket for vertical sensors			E39-L70
E3C	L-bracket for E3C-1 sensing heads (use 2)	Zinc plated iron	M3x14 Phillips screws with spring and plain washers	E39-L41
	L-bracket for E3C-2 (use 2), E3C-DS10, E3C-VS1G, E3C-VS3R sensing heads	Iron, black coating	M3x10 Phillips screws with spring and plain washers	E39-L42
	L-bracket with 10 mm slot for E3C-S10	Zinc plated iron	M2.3x8 Phillips screws and spring washers	E39-L127-T1
	L-bracket with 20 mm slot for E3C-S10			E39-L127-T2
	L-bracket with 30 mm slot for E3C-S10			E39-L127-T3
E3S-B	L-bracket for horizontal sensors	Stainless steel	M3x8 slotted/Phillips screw with spring washer	E39-L71
	L-bracket for vertical sensors			E39-L72
E3HT	Mounting block for sensor, screw mount	Plastic	M4x20 bolt	Y92E-B8
E3JU	L-bracket with 90-degree angle adjustability	Iron	Not provided	E39-LU1
E3A2, E3A2-X	L-bracket	Iron	M5 hex bolts and nuts	E39-L34
E3B2	L-bracket with 10-degree angle adjustability			E39-L35
E3K	L-bracket with 90-degree angle adjustability	Iron	1/4-20 x 0.55 inch hex bolts	E39-L37
E3S-VS	L-bracket for horizontal sensors	Zinc plated iron	M4x12 hex bolts with spring and plain washers	E39-L2
	L-bracket for vertical sensors			E39-L6
E3C-V	L-bracket for sensing heads	Zinc plated iron	M3x14 Phillips screws with spring and plain washers	E39-L41
E3M-V	L-bracket with 90-degree angle adjustability	304 stainless steel	M4x25 slotted/Phillips screws with spring and plain washers	E39-L131
	L-bracket			E39-L132
E3X-NL	Bracket for E32-S15 sensing heads, 45-degree angle adjustability	430 stainless steel	Not provided	E39-L109
E3NT	Universal L-bracket	Stainless steel	M5 hex bolts with spring and plain washers	E39-EL1
	L-bracket adapter			E39-EL2
F3C-AA, F3C-AL	L-bracket	Zinc-plated iron	M4 nut	E39-L40
E3G-L	L-bracket for E3G-L□1/-L□2	304 stainless steel	M3x12 slotted/Phillips screws	E39-L139
	L-bracket for E3G-L□5/-L□6			E39-L140
E3X-DA-S, E3X-MDA	L-bracket	304 stainless steel	Not provided	E39-L143
E3X-DA-N	L-bracket			E39-L143
	L-bracket for water-resistant E3X-DA□V			E39-L148
E3X-NA	L-bracket			E39-L143
	L-bracket for water-resistant E3X-NA□V			E39-L148
E3X, E3X-NH, E3X-N, E3X-NVG	L-bracket			E39-L143

## Mounting Brackets (Continued)

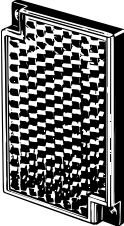
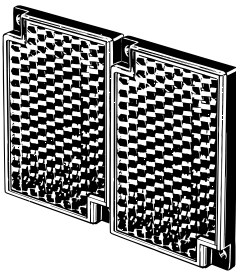


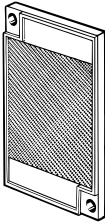
Applicable sensor	Description	Bracket materials	Hardware included	Model
E3S-X3	L-bracket	Zinc plated iron	M4x12 hex bolts with spring and plain washers	E39-L6
E3S-R	L-bracket for horizontal sensors E3S-RS30 and E3S-R1			E39-L2
	L-bracket for vertical sensors E3S-RS30 and E3S-R1			E39-L6
E3S-R	L-bracket for horizontal E3S-R1 and E3S-R3	304 stainless steel	M3x12 slotted/Phillips screws with spring and plain washers	E39-L69
	L-bracket for vertical E3S-R1 and E3S-R3			E39-L70
E3S-R	Horizontal protective cover bracket for E3S-R1 and E3S-R3	304 stainless steel	M3x12 slotted/Phillips screws with spring and plain washers	E39-L97
	Vertical protective cover bracket for E3S-R6 and E3S-R8			E39-L98
E3S-R	Adjustable height and angle bracket for E3S-R1/R3/R6/R8 sensors; horizontal mounting rotates every 45 degrees	304 and XM7 stainless steel, PBT	Post, screws, nut and bolt, holder/bracket	E39-L93FH
	Adjustable height and angle bracket for E3S-R1/R3/R6/R8 sensors; vertical mounting rotates every 45 degrees			E39-L93FV
	Adjustable height and angle bracket for E3S-R1/R3/R6/R8 sensors; fixed horizontal base mounting			E39-L93H
	Adjustable height and angle bracket for E3S-R1/R3/R6/R8 sensors; fixed vertical base mounting			E39-L93V
	Short post mount for E3S-R6 and E3S-R8			E39-L150
	Tall post mount for E3S-R6 and E3S-R8			E39-L151
E3S-CR62/66	L-bracket	304 stainless steel	M4x12 hex bolts with spring and plain washers	E39-L87
E3S-CD63/68	L-bracket, ±20 degree angle adjustment			E39-L113
F3UV	L-bracket for F3UV-A amplifier	304 stainless steel	M3x25 slotted/Phillips screws, plain washer	F39-L9
E3C-T1	L-bracket for amplifier	304 stainless steel	Not provided	E39-L143

## Reflectors



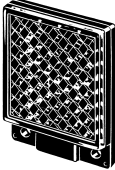
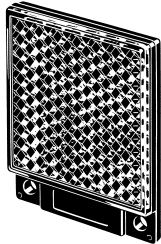

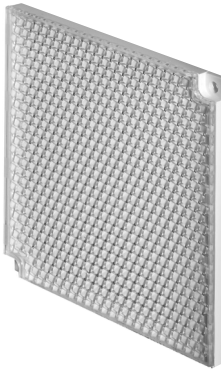
- Corner cube reflectors return maximum light back to the sensor receiver
- Reflectors extend or shorten sensing distance to match installation needs
- Hard acrylic reflectors are backed by ABS plastic
- Easy-to-apply, adhesive-backed reflectors are ultra-thin to save space




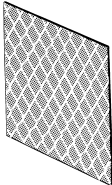
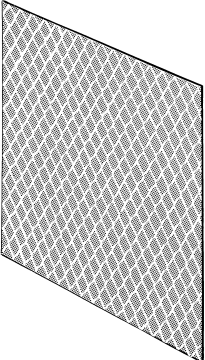

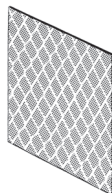
## Hard Acrylic Reflectors

Appearance	Dimensions H x W x D mm	Compatible sensors	Directional angle	Model
	59.9 x 40.3 x 7.5	E3Z, E3F2, E3JK, E3JM, E3S-CR, E3S-A, E3G, E3S-R	30° min.; 40° with E3JK-R and E3JM-R	<b>E39-R1</b> <b>E39-R1S</b>
	59.9 H x 80.8 W x 7.5 D	E3Z, E3F2, E3JK, E3JM, E3S-CR, E3G	30° min.; 40° with E3G-R	<b>E39-R2</b>
	38 H x 22.5 W x 11 D	E3Z, E3JK, E3JM, E3S-CR, E3S-A	30° min.	<b>E39-R3</b>
	23 H x 13.7 W x 4.9 D	E3T, E3S-CR, E3S-A	2° to 20° min.	<b>E39-R4</b>
	50 x 40 x 4.8	E3S-CR62/E3S-CR68	30° min.	<b>E39-R6</b>

## Hard Acrylic Reflectors (Continued)

Appearance	Dimensions H x W x D mm	Compatible sensors	Directional angle	Model
	84 dia. x 7.4	E3F2	30° min.	E39-R7
	100 x 100 x 9	E3F2	30° min.	E39-R8
	42.3 H x 30.9 W x 8 D	E3Z	30° min.	E39-R9
	61.4 H x 51.6 W x 8 D	E3Z	30° min.	E39-R10
	23 H x 13.7 W x 1.1 D	E3T	30° min.	E39-R37
	84.5 x 84.5 x 8.7	E3F2	30° min.	E39-R40

## Adhesive-Backed Tape Reflectors

Appearance	Dimensions H x W x D mm	Compatible sensors	Directional angle	Model
	10 H x 35 W x 0.6 D	E3Z, E3JK, E3JM	30° min.	<b>E39-RS1</b>
	35 H x 40 W x 0.6 D	E3Z, E3JK, E3JM	30° min.	<b>E39-RS2</b>
	70 H x 80 W x 0.6 D	E3Z, E3F2, E3JK, E3JM	30° min.	<b>E39-RS3</b>
	10 x 35 x 0.7	E3F2, E3S-CR, E3S-A	30° min.	<b>E39-RSA</b>
	35 x 40 x 0.7	E3F2, E3S-CR, E3S-A	30° min.	<b>E39-RSB</b>

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**ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.**

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



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