

Reflectors for photoelectric sensors

E39-R

The E39-R series of reflectors for photoelectric sensors features a wide range of models with different sizes, shapes, mounting types and materials. The reflectors provide high accuracy, reflectivity and lifetime for standard applications as well as for challenging environments.

- Standard reflectors with different sizes and shapes
- Detergent and heat resistant reflectors
- Screw mounting, snap-in or self-adhesive types



Ordering information

Shape	Type	Housing material	Features	Size in mm	Applicable Sensor	Order code
	General purpose reflectors	ABS base Acrylic surface	Surface screw mounting (diagonal holes)	40×60×7.5	Retro-reflective photoelectric sensors – without M.S.R. Retro-reflective photoelectric sensors – with M.S.R.* ¹	E39-R1S
			Surface screw mounting (holes on one side only)	35.4×42.3×8		E39-R9
				51.4×60.3×8.5		E39-R42
	Small size		Side screw mounting or surface selfadhesive	41.8×22.5×11		E39-R3
				23×13.7×4.9		E39-R4
	Large size		Surface screw mounting	100×100×9		E39-R8
				84.5×84.5×8.7		E39-R40

*¹ Mirror Surface Rejection (MSR) is realized by using polarization filters

Shape	Type	Housing material	Features	Size in mm	Applicable Sensor	Order code
	High precision	ABS base Acrylic surface	Microtripel for improved performance with fine beam sensors	52×40×4.8	Recommended for fine beam coaxial models (E3C-LR, E3NC-LH03, E3T-SR4, E3S-DB)	E39-R6
				30×45		E39-R12
				14×23×1		E39-R37-CA
				12×24		E39-R13
	Simple mounting	ABS base Acrylic surface	Round shape with centered mounting hole for simple screw mounting	Diameter: 84 Depth: 7.4	Photoelectric sensors with and without M.S.R. ^{*1}	E39-R7
	Enhanced detergent resistance	PVC	Surface screw mounting IP69k after DIN 40050 part 9	40×60×7.5	Recommended for harsh environment sensors	E39-R50
				20×60×6		E39-R51
	Highest detergent resistance	SUS316L Borosilicat	Surface screw mounting	43×30×5		E39-R16
	Heat resistant	Borosilicat	Surface screw mounting 450°C heat resistance Suitable for vacuum environment	95×51×8		E39-R47
	Non-fogging reflector	ABS Acrylic surface	Anti-fogging coating	40×60×7.5		E39-R1K

^{*1} Mirror Surface Rejection (MSR) is realized by using polarization filters