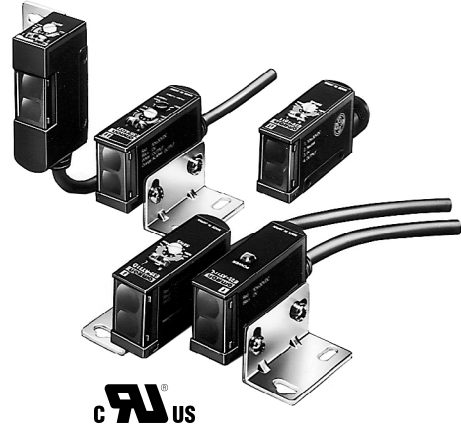


General-Purpose Photoelectric Sensor

E3S-A

Wide Selection of High Performance Small DC Sensors Offers Longer Sensing Distances

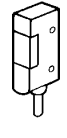
- Fast 0.5 msec response time for high-speed sensing
- Extended sensing distances up to 7 meters
- Self-diagnostic functions available
- Timer, alarm and turbo functions
- Meets: NEMA 4X, 6 and IP67
- Many mounting configurations available
- Choose pre-leaded or connector-ready models
- E3S-AD Series includes 10 cm short range diffuse version



Ordering Information

■ SENSORS

Through-beam sensors include both emitter and receiver. The polarized retroreflective sensors include E39-R1 reflector. All sensors include mounting hardware. Optional mounting brackets are available as accessories.

Method of detection				Through-beam	Polarized retroreflective	Diffuse reflective		
Sensing distance				7 m (22.97 ft)	2 m (6.56 ft)	10 cm (3.94 in)	20 cm (7.87 in)	70 cm (2.3 ft)
Mounting	Output	Extra features	Connection	Part number				
	NPN	None	Pre-leaded	E3S-AT11	E3S-AR11	E3S-AD13	E3S-AD11	E3S-AD12
		None	Connector	E3S-AT16	E3S-AR16	E3S-AD18	E3S-AD16	E3S-AD17
		Timer, alarm and turbo	Pre-leaded	E3S-AT21	E3S-AR21	E3S-AD23*	E3S-AD21	E3S-AD22*
	PNP	None	Pre-leaded	E3S-AT31	E3S-AR31	E3S-AD33	E3S-AD31	E3S-AD32
		None	Connector	E3S-AT36	E3S-AR36	E3S-AD38	E3S-AD36	E3S-AD37
		Timer, alarm and turbo	Pre-leaded	E3S-AT41	E3S-AR41	E3S-AD43*	E3S-AD41	E3S-AD42*
	NPN	None	Pre-leaded	E3S-AT61	E3S-AR61	E3S-AD63	E3S-AD61	E3S-AD62
		None	Connector	E3S-AT66	E3S-AR66	E3S-AD68	E3S-AD66	E3S-AD67
		Timer, alarm and turbo	Pre-leaded	E3S-AT71	E3S-AR71	E3S-AD73*	E3S-AD71	E3S-AD72*
	PNP	None	Pre-leaded	E3S-AT81	E3S-AR81	E3S-AD83	E3S-AD81	E3S-AD82
		None	Connector	E3S-AT86	E3S-AR86	E3S-AD88	E3S-AD86	E3S-AD87
		Timer, alarm and turbo	Pre-leaded	E3S-AT91	E3S-AR91	E3S-AD93*	E3S-AD91	E3S-AD92*

*10 and 70 cm diffuse versions do not have turbo function