



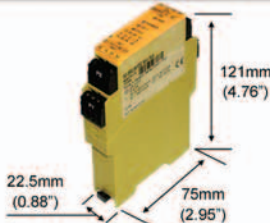


TECHNICAL DATA

	SF2	SE4-14	SE4-30	SE4-Q
				
Safety Category	Type 2		Type 4	
Range	0.2...15m (0.656...49.21 ft.)	0.2...6m (0.656...19.69 ft.)	0.2...15m (0.656...49.21 ft.)	0.5...25m (1.64...82.02 ft.)
Resolution	30mm (1.18 in.)	14mm (0.551 in.)	30mm (1.18 in.)	Refer to SE4-Q model # chart (pg.6)
Power Supply	24 VDC ±20%			
Consumption	50mA max. / 1W (emitter) 90mA max. (without load) / 2.5W	55mA max. / 1.5W (emitter) 125mA max./3.75 W (receiver without load)	55mA max. / 1.5W (emitter) 125mA max./3.75 W (receiver without load)	70mA max. / 2.1W (emitter) 100mA max. / 3W (receiver without load)
Output Type	2 PNP Transistor			
Output Current	500mA max. per output	0.5 A max (0.7 A max. for SE4-Q) 0.25 A max. (45°C - 55°C) Short-circuit signaling and protection		
Mechanical Protection	IP65 (IP67 connector)			
Electrical Protection	Class 1			
Housing Material	Yellow aluminum with PMMA Lens and PBT or PC Makrolon End Caps			
Emitter Connection	M12, 4-pole connector			
Receiver Connection	M12, 5-pole connector	M12, 8-pole connector		
Emitter Indicators	Yellow: WORKING UNIT CHECK LED Green: POWER ON LED	Yellow blinking: FAILURE LED Green: POWER ON LED		
Receiver Indicators	2 Yellow: ALIGNMENT LEDs Red: BREAK LED Green: SAFE LED	Green / Red SAFE / BREAK LED 2 Yellow ALIGNMENT LEDs Green: POWER ON LED		
Receiver Inputs	Dip switches for test and start	Dip switches for re-set, blanking, test, teach and monitoring		
Optic Diameter	ø18mm (ø0.709 in.)	ø7mm (ø0.275 in.)	ø18.4mm (ø0.724 in.)	ø16mm (ø0.630 in.)
Light Emission	Infra red LED 880nm			
Cable Length	3m (9.8 ft.) or 10m (32.8 ft.) cable lengths (up to 50m max.) with 50nF capacitive load			
Weight	1 kg. max./m of total height	1.2 Kg. max./m of total height		
Operating Temperature	+14...+131°F (-10...+55°C)			
Storage Temperature	-13...+158°F (-25...+70°C)			
Reference Standard	EN 954-1, EN 61496-1, IEC 61496-2			
Safety Relay	<div style="display: flex; align-items: center;">  <div style="margin-left: 20px;"> <p>Model # SE-SR2</p> <p>24 Volt Category 4 Safety Relay</p> <ul style="list-style-type: none"> * 3 N/O Safety Contacts * 1 N/C Auxilliary * Auto or Manual Reset </div> </div>			

