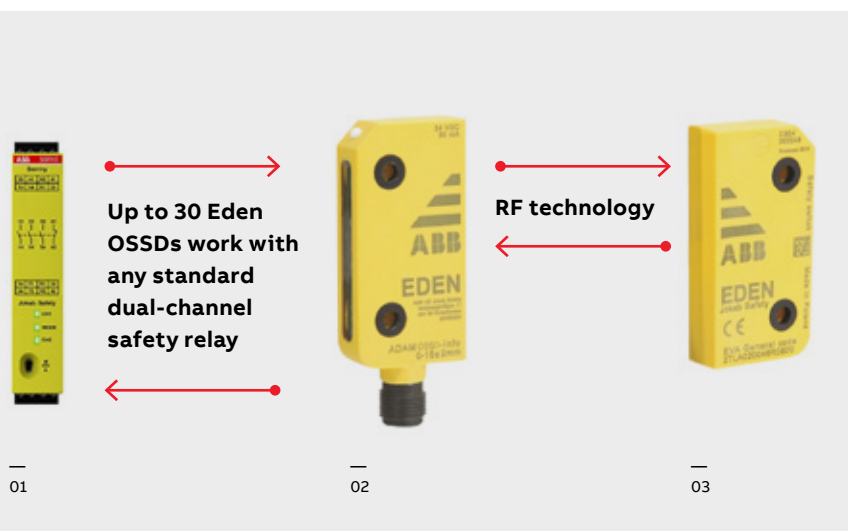


FAST FACT

Jokab Safety products

Eden OSSD dual-channel RF safety sensor

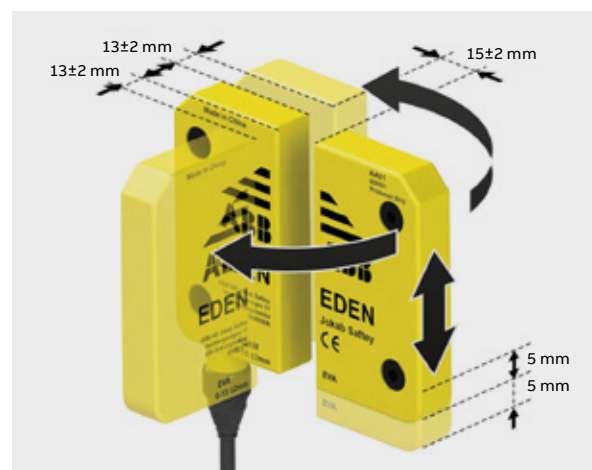


Up to 30 Eden OSSDs can be connected to any standard dual-channel safety relay and maintain a PLe/Cat 4 level of safety.

- 01 Sentry SSR10 (shown) 2TLA010050R0000
- 02 Adam OSSD
- 03 Eva
- 04 RF technology allows for door misalignment

Main features

- Non-contact, non-magnetic, RF technology safety sensor
- Eden OSSD can work with any standard dual-channel safety relay
- Up to 30 Eden OSSDs can be connected to any standard dual-channel safety relay and maintain a PLe/Cat 4 level of safety
- Easy-to-use diagnostics — follow the flashing lights to solve the problem in the system
- Up to 17 mm sensing distance
- Vibration resistant
- IP69K (wash down)
- M12 connectivity using 5- or 8-pin cables
- Dual channel
- -40 °F to 158 °F operating range



— 04



01



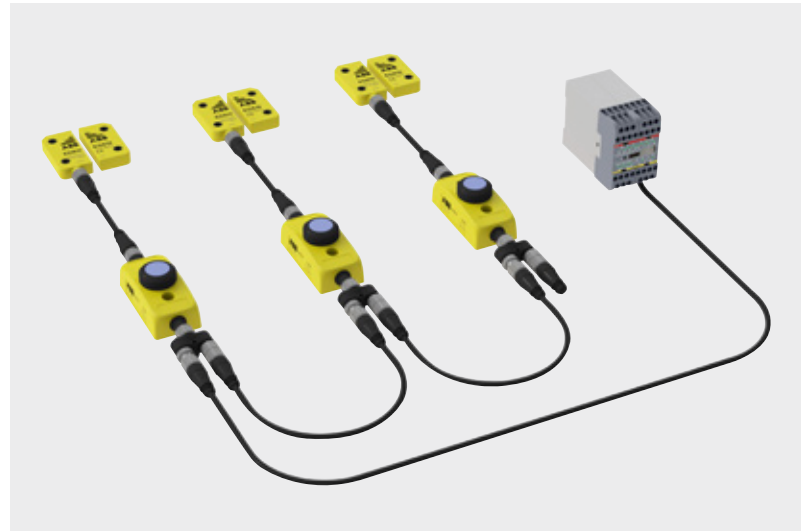
02



03



04



05

- 01 Eva Adam OSSD
(1) 8-pin female connection
- 02 JSOP-1 5-pin female
- 03 Smile 12 RG reset
(2) 8-pin M/F connection
- 04 M12-3H
(1) 8-pin female connection
(2) 5-pin M/F connection
- 05 Sample configuration shows how this solution minimizes the number of required cables.

Part number	Adam
2TLA020051R5700	Adam OSSD-info M12-8 for single and series applications
2TLA020051R5900	Adam OSSD-reset M12-8 for single and series applications
Eva	
2TLA020046R0800	Eva general code; all generals have the same code
2TLA020046R0900	Eva unique code; one of 10,000 codes; complies with EN/ISO 14119
Accessories	
2TLA020055R0800	M12-3H Y-Connector 5-pin, (1) 8-pin to Eden, (2) 5-pin for series connection
2TLA020053R7000	JSOP-1 5-pin terminator for M12-3H serial connector
2TLA040033R3600	JSM4H Eden mounting plate (2 required, 1 per Adam/Eva)
2TLA030053R2700	Smile 12RG 8-pin reset button
See Pluto or Sentry for part numbers	Eden OSSD is a dual-channel device; use with a standard safety relay (Sentry) or safety PLC (Pluto)

See the cable section in our main catalog for control and cable options

See our main catalog for technical information on the Eden OSSD safety sensor
<http://new.abb.com/low-voltage/products/safety-products>