

SAFETY PRODUCTS

# Non-contact safety sensor

## Eden

Eden is a non-contact safety sensor used as interlocking device for e.g. doors and safe position monitoring.

Eden consists of two parts: Adam and Eva. Adam senses the presence of Eva without mechanical contact and therefore without any wear. The compact size of Eden and its 360° mounting possibility make it easy to use in most applications.

Different models of Eden are available for different types of control modules. All Eden models make it very easy to reach PL e, often using fewer components than other solutions.

All Eden models have an IP67/IP69K sealing.



Continuous operation

**Easier troubleshooting**

Extensive LED indication and status information reduce downtime.

**Suitable in harsh environments**

IP67/IP69K and a temperature range of -40 to +70°C offer an excellent resistance in demanding environments.

**No wear, no mechanical breakage**

Non-contact sensing means no mechanical wear and the large sensing tolerance gives a better tolerance to vibrations, resulting in fewer unwanted process stops.



Affordable range

**Local reset function**

The integrated reset function reduces the number of cables and PLC inputs.

**PL e with fewer components**

Series connection with PL e, local reset and DYNlink signal allow to considerably reduce the number of components needed to reach PL e.



Easy to install

**Large mounting tolerance**

A 360° mounting possibility with generous tolerances facilitates mounting.

**Fast connection**

M12 connectors, local reset and accessories speed up installation.

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**Adam**



2TLA020051R5201

**Adam DYN-Info M12-5**

Type of safety controller	StatusBus	Info signal	Local reset	Series connection	Connector male	Type	Order code
Pluto	x	x <sup>1)</sup>		x	M12-5	Adam DYN-Status M12-5	2TLA020051R5200
Pluto or Vital		x		x	M12-5	Adam DYN-Info M12-5	2TLA020051R5100
			x	x	M12-5	Adam DYN-Reset M12-5	2TLA020051R5300
OSSD compatible (incl. Pluto and Sentry)		x			M12-5	Adam OSSD-Info M12-5	2TLA020051R5400
			x	x	M12-8	Adam OSSD-Info M12-8	2TLA020051R5700
				x	M12-5	Adam OSSD-Reset M12-5	2TLA020051R5600
			x	x	M12-8	Adam OSSD-Reset M12-8	2TLA020051R5900
AS-i safety monitor (incl. Pluto AS-i and B42 AS-i)	N/A <sup>2)</sup>	N/A <sup>2)</sup>		N/A <sup>2)</sup>	M12-4	Adam AS-i	2TLA020051R6000

- 1) Pin 5 can be used as a standard info signal or StatusBus.  
2) AS-i offers the same advantages using another technology.

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**Eva**



2TLA020046R0800

**Eva General code**

Compatible Adam	Code description	Code level	Type	Order code
Adam DYN and OSSD	General code. (Eva is interchangeable)	Low level	Eva General code	2TLA020046R0800
	Unique code. (Prevents defeat/fraud)	High level	Eva Unique code	2TLA020046R0900
Adam AS-i	Unique code. (Prevents defeat/fraud)	High level	Eva AS-i	2TLA020051R8000