

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.



Order code

2TLA020046R0800

2TLA020046R0900

2TLA020051R8000

Adam



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

Code level

Low level

High level

High level

Туре

Eva AS-i

Eva General code

Eva Unique code

(Incl. Pluto AS-I and

Eva

B42 AS-i)

Compatible Adam

Adam DYN and OSSD

Adam AS-i

1) Pin 5 can be used as a standard info signal or StatusBus.

2) AS-i offers the same advantages using another technology.

Code description

General code. (Eva is interchangeable)

Unique code. (Prevents defeat/fraud)

Unique code. (Prevents defeat/fraud)



Eva General code

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