

Non-contact safety sensor Eden



A non-contact safety sensor for the highest safety level

Eden - Adam and Eva is a non-contact switch for use on interlocked gates, hatches etc. A coded signal is transmitted from the control device Vital via Adam to Eva which modifies the signal and sends it back again. The maximum sensing distance between Adam and Eva is currently 10 mm.

Up to 30 Edens can be connected in series and still achieve the same safety level in the safety circuit. It is also possible to connect safety light beams and E-stops in the same safety circuit.

Adam is available with cable lengths up to 10 m and with M12 connectors. The LED on Adam provides indication of three different conditions, contact/non contact between Adam and Eva and safety status. The same information is also available via the Adam connection cable. Eden is available for harsh environments, Adam E and Eva E.

Approvals:



Safety sensor for:

- Doors and hatches
- Position control
- Sector detection
- Slot detection

Features:

Safety category 4 according to EN 954-1 together with Vital

Non-contact detection

Up to 30 sensors connected in series at safety category 4

Versatile mounting, 360° detection

Protection class IP67

Signal will penetrate through non-metallic materials (wood, plastic, etc)

Safety light beams, E-stops and Eden can be connected in the same safety circuit together with Vital meeting safety category 4 (EN 954-1).

LED indication on sensor and status information via the connector cable



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