

# Intrinsically safe isolator

## **Salwico ISOLATOR-A**

Part no. N1790

System: Salwico CS3000\*, CS4000 and NSAC-1 Fire Alarm

### Description

ISOLATOR-A is an IS isolator intended for use together with Salwico intrinsically safe addressable detectors and manual call points. It contains an IS-isolator and a LISA-1 connection board.

ISOLATOR-A is located in a non-hazardous area (safe area) and forming the interface to IS detectors and other IS line units.

To each addressable detector loop a maximum of five ISOLATOR-A units can be connected, each of them accommodating up to 20 IS line units.

ISOLATOR-A does not need a separate power supply or earth connection. It is powered directly from the fire alarm panel via the loop cable, which means that no extra cables are needed.

The box has knock-out holes on the sides for the three included cable glands. The glands must be mounted on the short sides of the box as shown under "dimensions".

The connection board LISA-1 simplifies installation and replacement by offering a connection solution without breaking the fire alarm loop.

### Data, isolator

Nominal voltage	4-35 VDC
Approval	EEx ia
Cable terminals	2.5 mm <sup>2</sup>
Ambient temperature	-20°C to +60°C
Ambient humidity	0-100% RH (when mounted in box)
Weight	~100 g (isolator)

### Data, enclosure

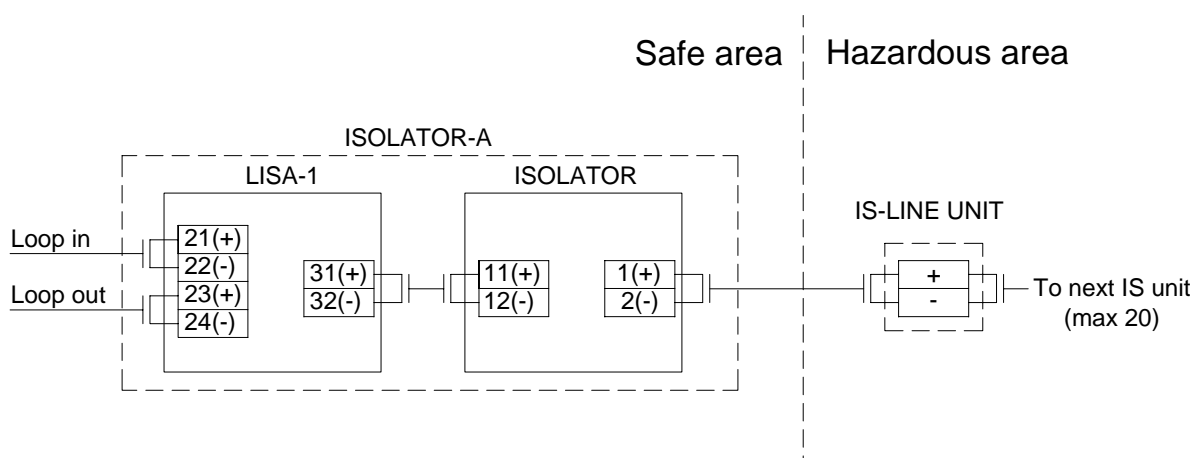
Ingress protection	IP55
Cable glands	Ø8-14 mm
Material	Polystyrol
Colour	Grey
Weight	~610 g (incl. internal components)

### Spares

<u>Part.No.</u>	<u>Type</u>
46492	Pepprl + Fuchs KFD0-CS-Ex1.54
60060-001000	LISA-1 connection board

\*SPK-2 for NOSE based detectors

### Connection



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### Dimensions (mm)

