Conventional Intrinsically
Safe Optical Smoke
Detector

Salwico EVC-PY-IS

Part no. N1144

G002280

System: All Salwico Fire Alarms Systems

General description

Salwico EVC-PY-IS is an intrinsically safe Evolution conventional optical smoke detector.

The detector is equipped with an optical sensor with improved sensitivity to black smoke.

The detector is designed for use in areas with high explosion risk. It is connected to the fire alarm system via an intrinsically safe interface.

Salwico EVC-PY-IS must not be separated from the base when energized. To avoid the possible risk of electrostatic charge, the unit must not be cleaned with solvents or charged by rubbing.

Data

Nominal voltage	24 VDC
Working voltage	10–32 VDC
Working current	< 50 μA
Alarm current	50 mA
Ingress protection	Depending on base
Relative humidity	≤ 95% RH Non-condensing
Temperature range	-20°C to +50°C
Classification	EN54-7:2000
Ex class	$\langle Ex \rangle$ II 1G Ex ia II C T4 T_a:50°C

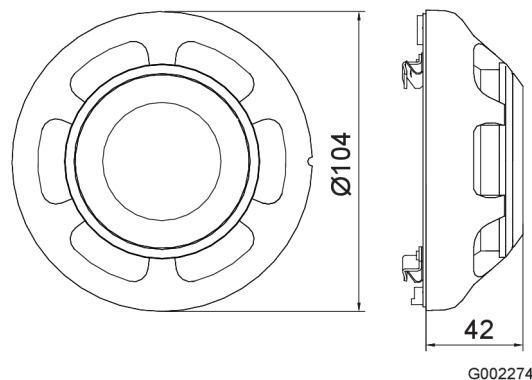|	
Certified according to	0832
Cover material	ABS
Colour	White
Weight	~120 g

For information about suitable base plates, see separate document "Base Matrix".

NOTE!
Do not remove the dust cover from the detector until all polluting (dusty) activities are finished and the area has been cleaned.
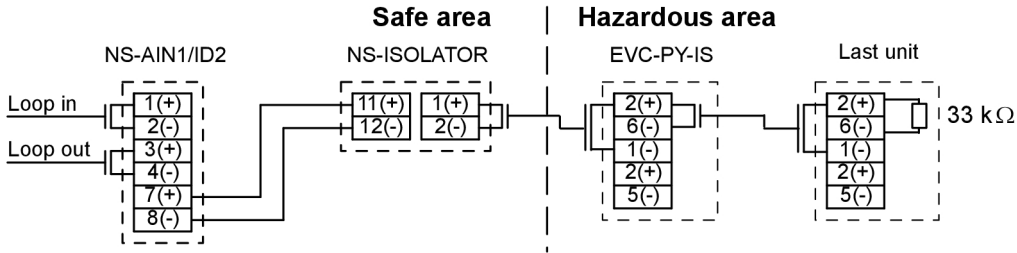
Dimensions (mm)

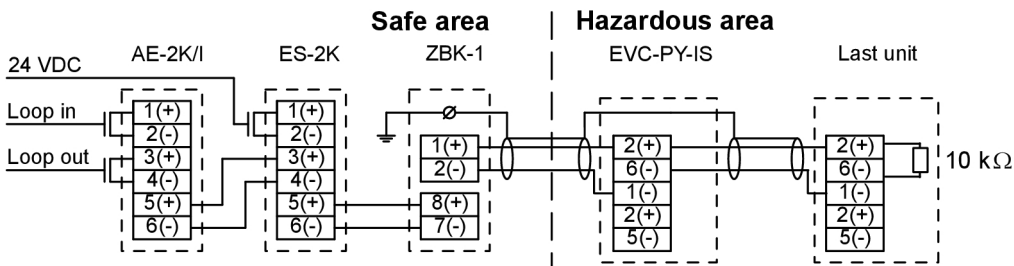Ø104

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Connection

Connection for System: NSAC-1, CS3000*, CS4000, Salwico Cargo, Salwico Cruise, Salwico LNG, Salwico Offshore, Salwico Ro/Pax, Salwico Workboat, Salwico Yacht, Salwico Navy, OEM Extinguish
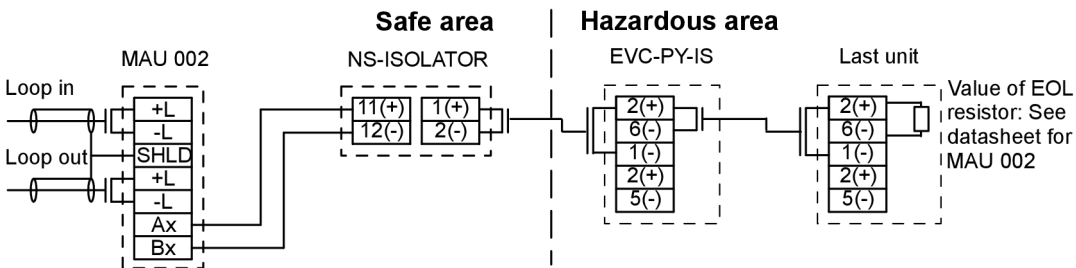

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* CS3000 for NOSE based detectors.

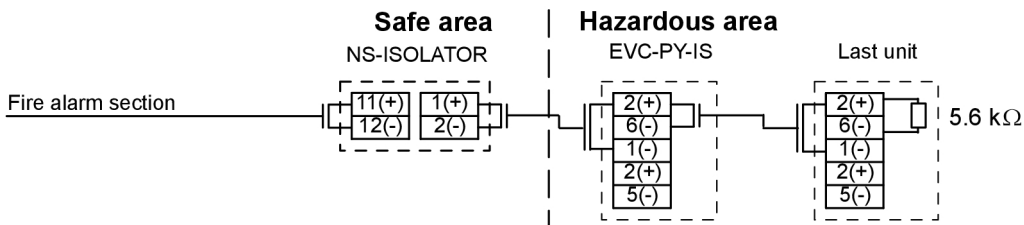Connection for System: CS3000, CS3004

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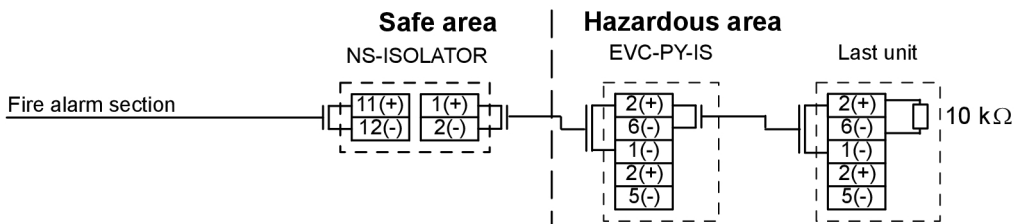Connection for System: Servomaster addressable

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Connection for System: Servomaster conventional

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Connection for System: C300, C303, C308, C316

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Data sheet no. N1144 EVC-PY-IS.11 1.ME

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