



G003163

## Conventional Smoke Detector **Salwico EC-P**

Part no 5200175-00A

System: ServoFighter, Salwico Cargo

### General Description

The EC-P photoelectric smoke detector belongs to Salwico EC range of detectors. EC-P is a range of conventional detectors, which have been produced using the latest in manufacturing technology and supplied with an array of advanced features, making them 'better by design'.

The EC-P photoelectric smoke detector uses a state of the art optical chamber combined with an application specific integrated circuit (ASIC) to provide quick and accurate detection of fires. A combination of the unique chamber design and other technically advanced features will significantly extend the service intervals before cleaning of the detector becomes necessary.

#### Features

- Low profile design
- Low current draw
- Automatic drift compensation
- Operates on 12 and 24VDC Systems
- Remote alarm test feature
- Easy Maintenance
- Range of detector bases available
- Remote LED Option
- Approved to EN54 – 7:2000 (Amendment 1)

### Data

#### Electrical Specifications

Operating Voltage Range	8 to 30VDC (Nominal 12/24VDC)
Maximum Standby Current at 25°C	60µA at 24VDC
Maximum Permissible Alarm Current	80mA (current limited by control panel)
Alarm Current at 24VDC	Max 33mA (with EC-BASE or EC-ADAPT)

#### Environmental Specifications

Application Temperature Range	-30°C to +70°C
Humidity	5% to 95% Relative Humidity (non-condensing)

#### Mechanical Information

Height	32.5mm (plus 9.5mm for standard base, 21mm for deep base)
Diameter	102mm
Weight	75g (plus 45g for standard base)
Wire Gauge for Terminals	0.4mm <sup>2</sup> to 2.0mm <sup>2</sup>
Colour	Approximates to RAL9016
Material	ABS
IP Rating	IP20/IP55 (Depending on base used)

#### Certificates

Certified according to  0832 11

<b>CE</b>
Conventional Optical Smoke Detector
EN54-7 : 2000 + A1 5200175-00A EC-P 0832-CPD-1555 11
Pittway Tecnologica Srl, Via Caboto 19/3, 34147 TRIESTE, Italy

OEM Part no. 156-3765-000

#### Detector Bases

For Dry Spaces	5200177-00A EC-BASE
For Wet Spaces	46950 IP55 Base 5200178-00A EC-ADAPT IP55