

Locator P950L

Features

- Code for alarm location
- More than 65 000 different locations
- Flush or surface mounting
- Easy to install
- Options:
 - explosion proof case
 - Impact and water resistant
 - sabotage protected
 - safety screws



Standard plastic case (P950L/LS)

General

The P950L locator generates code with infrared light to be received by Pocket Alarm Transmitters/Transceivers, equipped with IR receivers, in the Personal Security System (PSS). The code is used to identify the alarm location.

Application

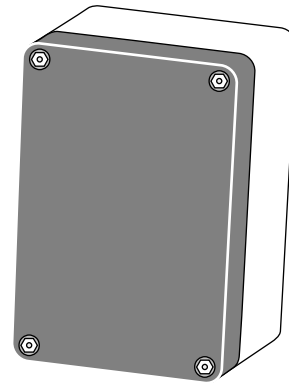
The locator code is continuously transmitted from the locator. Up to 65 535 different locator codes are available. A jumper determines if the locator code is to be stored in the Pocket Alarm Transmitter/Transceiver or if the pocket unit is to transmit a radio alarm immediately after the locator code is received.

Locator function can be monitored via a monitor output (optocoupler).

Output power can be set at two different levels according to required coverage.

One locator can drive up to three slave locators and is used if a large area is to be covered with one locator code.

The locator can be installed using either flush-mounting or surface-mounting techniques. The locator can be installed in heavy duty splash-proof cases that can withstand harsh treatment. Also explosion safe case can be delivered.



Impact - and water resistant case (P950LP/LSP)



Explosion safe case (EX P950L)

Technical specifications are listed on the following page

Technical Specifications

	P950L	P950LS
Dimensions (L x H x D):	80 x 80 x 48 mm case Ø 52 x 30 mm circuit board	80 x 80 x 48 mm case Ø 52 x 30 mm circuit board
Case:	Polyamid acrylic (PMMA) plastic, white and black	Polyamid acrylic (PMMA) plastic, white and black
Weight:	150 g	150 g
Operation temperature:	-20 to +55°C	-20 to +55°C
Supply voltage:	11-28 V DC or 11-20 V AC (no AC for driving slaves)	11-28 V DC
Current consumption:	60 mA max. (DC) 100 mA max. (AC)	40 mA max.
Carrier frequency:	40 kHz	40 kHz
Modulation:	FSK/FM, 2 kHz ± 1 kHz deviation	FSK/FM, 2 kHz ± 1 kHz deviation
Radiated peak power:	100 mW/sr at 265 mA peak current 33 mW/sr at 90 mA peak current	67 mW/sr at 177 mA peak current
IR wavelength:	950 nm	950 nm
	P950LP	P950LSP
Dimensions:	120 x 80 x 57 mm case Ø 52 x 30 mm circuit board	120 x 80 x 57 mm case Ø 52 x 30 mm circuit board
Case:	Polycarbonate, light grey and black	Polycarbonate, light grey and black
Weight:	230 g	230 g
Operation temperature:	-20 to +55°C	-20 to +55°C
Supply voltage:	11-28 V DC or 11-20 V AC (no AC for driving slaves)	11-28 V DC
Current consumption:	60 mA max. (DC) 100 mA max. (AC)	40 mA max.
Carrier frequency:	40 kHz	40 kHz
Modulation:	FSK/FM, 2 kHz ± 1 kHz deviation	FSK/FM, 2 kHz ± 1 kHz deviation
Radiated peak power:	100 mW/sr at 265 mA peak current 33 mW/sr at 90 mA peak current	67 mW/sr at 177 mA peak current
IR wavelength:	950 nm	950 nm

Available versions:

P950L, locator mounted in a plastic case for surface mounting.

P950LS, slave locator mounted in a plastic case for surface mounting. (*P950L/P950LS can be delivered without case for mounting in a standard flush mounting case*).

P950LP, tamper protected locator mounted in an impact and water resistant polycarbonate case (IP66) for surface mounting.

P950LSP, slave locator mounted in an impact and water resistant polycarbonate case (IP66) for surface mounting.

EX P950L, locator mounted in an explosion proof metal case 140 x 210 x 133 mm according to EEx d IIB T6, IP65. Weight: 2 kg, cable adapter for Ø 7 - 15 mm cable.

Specifications are subject to change without notice.