

SURFACE BASE ZP7-SB1

- Accepts all Z700 series sensors
- Automatic locking
- Surface or Recessed Mounting
- Maintenance Identification

The ZP7-SB1 Surface Mounting Base is designed to connect plug-in Z700 series analogue sensors to a compatible ZP analogue line. Sensors with the locking breakout removed are automatically locked to the base when inserted, and can only be removed from the base with the Z-PH-2 Head Picker.

APPLICATION

The ZP7-SB1 is designed to mount on slab-attached conduit boxes (surface or recessed), or to dropped ceilings. A variety of conduit box mounting pitches are facilitated.

Provision is made for application of a label to a tab on the base so as to enable sensors to be positionally located with reference to their address setting.

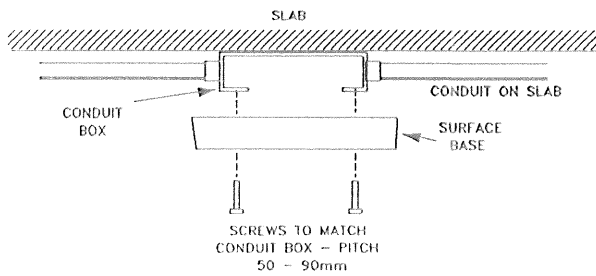
AUTOMATIC LOCKING

Automatic head locking is provided to prevent unauthorised removal of the sensor from its base. To enable the sensor to lock to its base, the locking breakout, located in the exterior slot on the opposite side to the LED, needs to be removed from the sensor. Earlier model sensors do not have a locking breakout, and may still be used with the base. The sensor will not lock if the locking breakout is not removed. The Z-PH2 Head Picker is required to remove a sensor once locked to its Base. See Automatic Locking Data Sheet PS 1030 for more details.

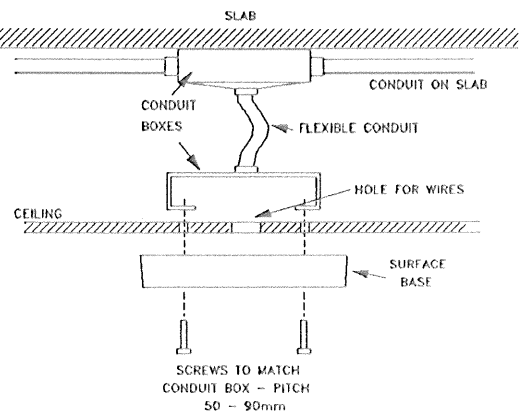
MOUNTING

Mounting arrangements to Surface Conduit and to dropped ceilings are illustrated overleaf. A conduit box with mounting screw pitch from 50mm to 90mm can be attached to the rear of the base.

The arrangement for mounting to surface conduit applies equally to a surface conduit which is recessed into the slab. It is recommended that the conduit box attached to the base on the dropped ceiling, be connected to the main conduit wiring by means of a flexible conduit to enable subsequent removal of dropped ceiling panels.



MOUNTING TO SURFACE CONDUIT

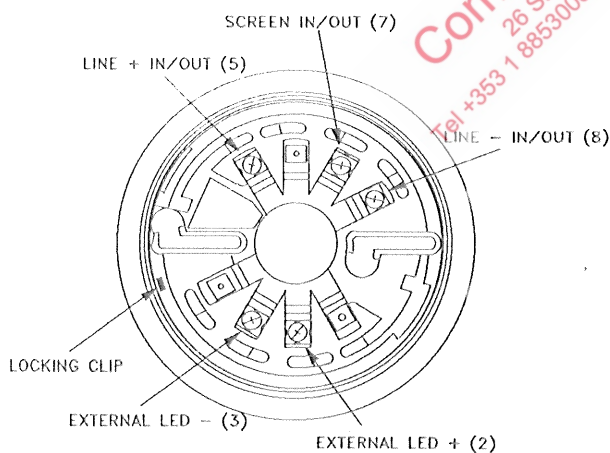


MOUNTING TO DROPPED CEILING

WIRING

The base contains robust field wiring terminals with captive clamping washers providing secure wiring connections without lugs. Terminals are provided for a remote LED should this function be required.

The wiring from the conduit box feeds through a hole in the centre of the base and is connected to terminals within the base as illustrated below. It is important to ensure that the ZP Line screen is continuous to the next sensor in line.



TOP VIEW

SPECIFICATION

Designation:	Surface Mounting Base
Model No:	ZP7-SB1
Part No:	14110.3xx
Compatibility:	ZP Communication Line
Accepts Plug-in:	Z700 Series Sensors
Automatic locking:	Yes
Mounting Hole pitch:	50mm to 90mm
ZP Line Voltage:	16-22 Volts
Remote LED Terminals:	Yes
Temperature Range:	-10°C to +75°C
Humidity Range:	0-95% RH
Altitude Range:	0-6000 m
Colour:	White
Metal Parts:	Bright tin plated brass
Dimensions:	
Depth	18mm
Body Dia.	108mm
Weight:	52gm
EN60529 Environmental Rating:	IP42

IMPORTANT

Ziton Ltd reserves the right to change specifications without notice in order to improve products or manufacturing methods. Although every effort is made to avoid errors we reserve the right to correct typographical, photographic, clerical or printing errors.

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