SIEMENS

FDB181 Detector Base
Product Manual

Overview

The FDB181detector bases is a universal base. It's fixed on fire detection site and used for installations of FD181 series detectors：
– FDO181 smoke detector
– FDT181 heat detector

Characteristics

– Universal bases，applicable to both surface install and conceal install
– Large opening in the detector base for easy cable insertion
– Adopt environmental friendly material

Installation

The installation of a base should strictly follow the engineering design drawings. The bases should be evenly distributed.
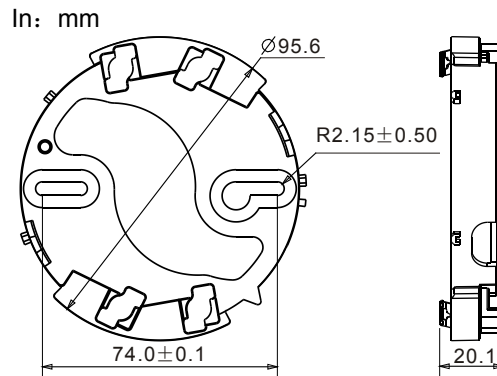
Procedure of installation：
1．Insert the cables through the base and connect them to the terminals.
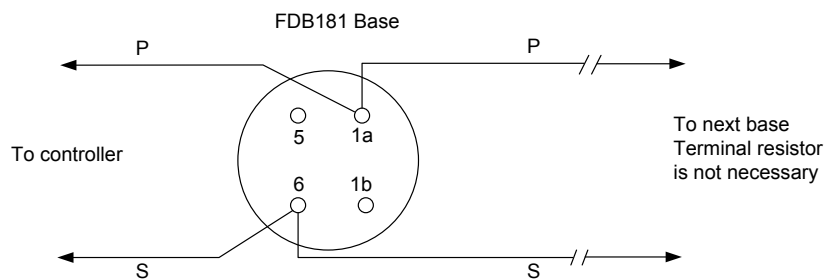2．Fix the base to the ceiling with screws.

☞**Note:**

● The detector should be installed after the construction has been finished.
● In order to ensure the reliability of the connection between the base and the detector, please do not use U-type terminals.
● Twisted-pairs with the wiring requirement of 1.0~1.5mm^2 are recommended.

Building Technologies

Fire safety and security products

Dimensions

In：mm

⌀95.6

R2.15±0.50

74.0±0.1

20.1

Electric connection

FDB181 Base

P   P

To controller   To next base
Terminal resistor
5   1a   is not necessary

6   1b

S   S

Technical data

Connecting terminals	1.0 ... 1.5 mm^2
Operating temperature	
Storage temperature	According to data of detectors
Humidity	
Protection category EGB4208-93	
Color	White， RAL 9010

Details for ordering

Type	Material No.	Part No.	Designation	Weight
FDB181	S54320-F1-A1	100856213	Detector base	0.027 kg