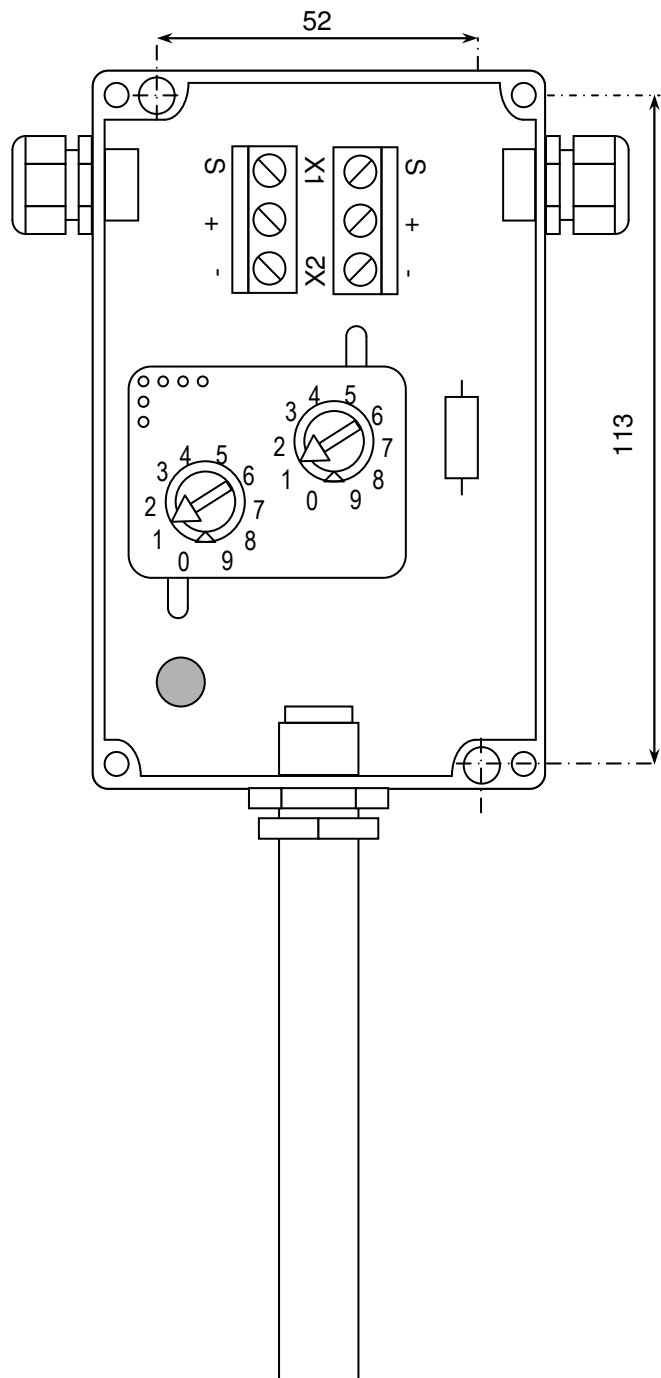


Special Temperature Detector MM50

The addressable special temperature detector MM50-XXX works as a fixed temperature detector with rate-of-rise effect. The connection is only possible with System Sensor protocol compliant panels. The unit consists of a FENWAL DETECT-A-FIRE sensor and an address module. Convenient rotary decade switches are used to set the address of each detector. An integrated LED alarm indication is visible through two clear windows in the housing. The MM50 is designed as a special detector to trigger fire suppression systems.



Project requirement:

Detector installation according to VDS 2496.

supervised area: 30 m² max.

installation height: 8 m max.

For other application see the requirements of the authority having local jurisdiction.

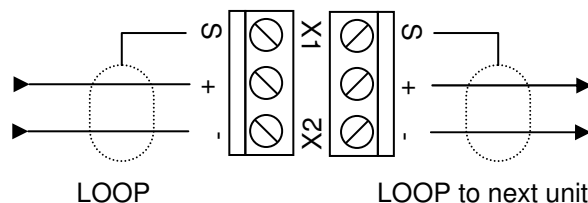
Temperature Detector MM50

Installation

The detector could be mounted for room protection with the mounting bracket (see accessories).
According VDS formalities it must be vertical.

In other applications e.g. machines it should be vertical to the expected hot air stream.
If the ambient temperature is $> 50^{\circ}\text{C}$ the electronics have to be mounted outside this area.

Electrical connection



Only shielded screened cable is permitted. (i.e. J-Y (ST) Y2x2x0,8).

Preferred factory preset actuating temperatures in $^{\circ}\text{F}$ are:
140, 160, 190, 210, 225, 275, 325, 360, 450, 500, 600, 725
Type Order number: e.g. MM50-225 / Fenwal

Technical Data

Operating voltage: 15 - 32 V DC
Standby current: $\leq 0,375 \text{ mA}$
alarm current (LED on): 5,1 mA at 24 V DC
wiring resistance: max. 20Ω
ambient temperature: $0^{\circ}\text{C} \dots +50^{\circ}\text{C}$
weight: 0,6 kg
protection class: IP 65
cable gland: M16x1,5 ($\varnothing 7 - 11\text{mm}$)
materials:

housing: aluminium die casting
sensor: stainless steel
cable gland: plastic materials

dimensions:

length (incl. sensor): approx. 230mm
width (incl. cable gland): approx. 130mm
depth: approx. 60mm

Accessories:

Mounting bracket, order number: K0 990 026 6 (refer to technical datasheet 3-039-07E).