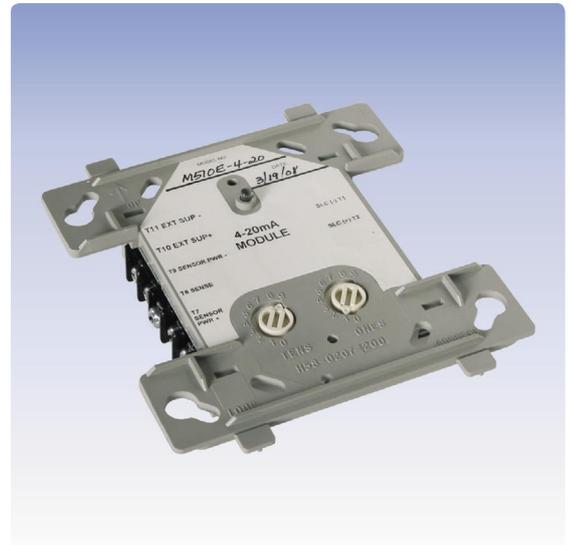


# Monitor Module analogue M510E-4-20

- **ADM loop technology with System Sensor/200 protocol**
- **Monitored analogue input with sensing range 4 – 20mA**
- **Connection of analogue sensors such as gas detectors or flame detectors**
- **Current-limited sensor circuit**
- **Mounting by means of Surface Mounting Box SMB500**



## Description

The Monitor Module M510E-4-20 is designed for the connection of analogue sensors with a 4 – 20mA current interface.

With that, all sensors that are equipped with a corresponding analogue output – for example, gas detectors or flame detectors – can be integrated into a fire detection system. By means of the module, sensors in 2- or 3-wire technology can be connected.

The sensor circuit is powered by connecting an external power supply to the module. The integrated current limiter prevents overloading of the module if the power supply for the sensor is short-circuited. In addition, the

current-limited analogue input is monitored for wire breakage.

The Monitor Module M510E-4-20 is integrated into an ADM loop with System Sensor/200 protocol and occupies one address in the number range of detector addresses.

The two-coloured status LED is actuated by the fire detection control panel and indicates the activated condition and fault condition of the sensor.

The module is designed for mounting in a Surface Mounting Box SMB500.

## Specifications

Operating voltage	Supply through loop voltage
Current consumption on the loop	max. 700µA (normal communication)
External power supply	12 – 28VDC
Current consumption external power supply	typ. 10mA (24V, without sensor)
Current limiting, sensor supply (3-wire technology)	500mA
Current limiting, analogue input	25mA
Ambient temperature	-10°C to +60°C (no icing)
Relative humidity	10 – 95% (no condensation)
Dimensions L × W × H	121 × 107 × 32 (mm)
Weight	100g
Order number	249112
Order name	Monitor Module 1xAnalogue In/SS M510E-4-20

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**LST**