

FIRE DETECTORS

W Series

WS 26 Point Addressable Smoke Detector

(technical data brief)



The WS 26 point addressable smoke detector is designed to give early warning of developing fires. The optical smoke detector responds to increase in smoke density from a smoldering fire and transmits an alarm signal to the FACP. The devices are suitable for indoor use only.

Versions:

- WS 260 — without short-circuit isolator;
- WS 261 — with short-circuit isolator.

The WS 26 smoke detector is available with a standard mounting base or IP54 moisture-proof base (should be ordered separately).

Features

- Low profile design
- Programmable sensitivity (three levels)
- Inbuilt drift compensation
- Electronically addressed, address range 1 - 125
- LED status indicator
- Short-circuit isolator LED indicator
- Remote LED option
- Protection against unauthorized removal
- Loop powered
- Easy installation
- Stable operation in unfavorable microclimatic conditions

Technical Data

Supply voltage	17.... 28 V DC
Quiescent current (non-isolated detector)	≤ 330 μA
Quiescent current (isolated detector)	≤ 380 μA
Alarm current	1,8 ... 2,3 mA
Alarm current, remote LED illuminated	3,8 ... 4,8 mA
Maximum series resistance, switch closed	≤ 0,2 Ω
Alarm level analogue value	55
Sensitivity (is set via P-01 device programmer)	0,18 dB/m 0,12 dB/m 0,09 dB/m
Dimensions (diameter x height)	96 mm x 31 mm
Weight (with a standard base)	≤ 125 g
IP Rating	IP40
Operating temperature	-10 °C to +55 °C
Humidity	0% to 95% RH (no condensation or icing)
Average service life	10 years



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