

D287/D288 Two-wire Detector Bases

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BOSCH
Invented for life



- ▶ Variety of interchangeable smoke and heat detector heads
- ▶ Detector's head removes easily by twisting
- ▶ Two-piece detector head and base design allows pre-wiring the system

Use the D287 and D288 Two-wire Detector Bases with smoke and heat detector heads to provide early fire warning for life safety and property protection systems. These bases are compatible with a number of control panels and with the following Bosch Security System, Inc.'s detector heads:

- D285 Photoelectric Smoke Detector Head
- D285TH Photoelectric Smoke Detector with Heat Sensor Head
- D286 Ionization Smoke Detector Head
- D603 Fixed-temperature (135°F [57°C]) and Rate-of-Rise Heat Detector
- D604 Fixed-temperature (135°F [57°C]) Heat Detector
- D605 Fixed-temperature (190°F [88°C]) Heat Detector

Certifications and approvals

Region	Certification
USA	UL UROX: Smoke - Automatic Fire Detectors (ANSI\UL 268), UROX7: Smoke - Automatic Fire Detectors Certified for Canada (cULus),
	CSFM see our website

Region	Certification
	NYC-MEA 274-93-E, Vol. VII
	MSFM permit #2186

Installation/configuration notes

Compatible Products

The following products are compatible with the D287 and D288 Two-wire Detector Bases:

Category	Product ID	Product Description
Control Panels		Refer to <i>Technical Service Note</i> (P/N: 31866) for compatible control panel listings.
Detector Heads	D285	Photoelectric smoke detector head
	D285TH	Photoelectric smoke detector head with heat sensor
	D286	Ionization smoke detector head
	D603	Fixed-temperature (135°F [57°C]) and Rate-of-Rise heat detector head
	D604	Fixed-temperature (135°F [57°C]) heat detector head

	D605	Fixed-temperature (190°F [88°C]) heat detector head
Remote Annunciators	SMK-RA5	Remote annunciator

Mounting Considerations

Depending on local regulations, the bases can be surface mounted using anchors, mollies, or wing nuts. The bases can be directly mounted on single-gang switch boxes or mounted on four-inch octagonal electrical boxes using the supplied adaptor plate.



Notice

Ensure the volume of any electrical box used accommodates the number and size of conductors as specified by the National Electrical Code (NEC) or any local regulations having jurisdiction.

EOL Resistors

Use the EOL resistor(s) specified by the control panel manufacturer.

Parts included

Quant.	Component
1	D287 or D288 Two-wire Detector Base
1	Adaptor plate (P/N: 18851)
1	Hardware pack
1	Literature pack

Technical specifications

Electrical

Current (alarm):	Depends on control panel that must limit the alarm current to 100 mA maximum
Current (standby):	0.12 mA maximum
Voltage (standby):	8.5 VDC to 33.0 VDC

Mechanical

Dimensions (diameter):	D287: 5.5 in. (14 cm) D288: 6.375 in. (16.2 cm)
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Ordering information

D287 Two-wire Detector Base (5.5 in. [14 cm] diameter)

Two-wire detector base measuring 5.5 in. (14 cm) in diameter.

Order number **D287**

D288 Two-wire Detector Base (6.375 in. [16.2 cm] diameter)

Two-wire detector base measuring 6.375 in. (16.2 cm) in diameter.

Order number **D288**

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