BOSCH
Invented for life

D287/D288 Two-wire Detector Bases

▸ **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 (UL268 and A), UROX7: Smoke - Automatic Fire Detectors Certified for Canada (cULus),
	CSFM	7300-1615: 133
	NYC-MEA	274-93-E, Vol. VII
	MSFM	

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 *Technical Service Note* (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.

Note   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

Mechanical Properties

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

Power Requirements

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

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.	**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.	**D288**