



D292 Four-wire Detector Base



- ▶ **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 D292 Four-wire Detector Base with smoke and heat detector heads to provide early fire warning for life safety and property protection systems. This base is 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 (UL268andA), 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 D292 Four-wire Detector Base:

Category	Product ID	Product Description
Control Panels	Compatible with all UL Listed four-wire control panels.	
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
Modules	D275	End-of-line (EOL) supervision module
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 Supervision

Use a D293E Base for the last detector or use one D275 module per detector loop. Use the EOL resistor(s) specified by the control panel manufacturer.

Ordering Information

D292 Four-wire Detector Base	D292
Four-wire detector base with smoke and heat detector heads	

Accessories

D275 Power Supervision Module	D275
Line supervision device for four-wire fire detection circuits	

Parts Included

Quant.	Component
1	D292 Four-wire Detector Base
1	Adaptor plate (P/N: 18851)
1	Hardware pack
1	Literature pack

Technical Specifications

Mechanical Properties

Dimensions (diameter): 6.375 in. (16.2 cm)

Outputs

Alarm: One normally-open (NO) relay rated for 0.5 A at 100 VDC for resistive loads

Power Requirements

Current (alarm): 12 VDC: 52 mA 24 VDC: 54 mA
30 VDC: 70 mA maximum

Current (standby): 0.12 mA maximum

Voltage (standby): 10 VDC to 30 VDC

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