



Automation Components, Inc.
Engineering a Better Sensor Solution

DUCT SMOKE DETECTORS



Product selection guide for duct detection
workaci.com

DUCT SMOKE DETECTORS

SL-2000-P

Photoelectric duct smoke detector

Designed with the contractors in mind, this detector offers fast installation, tool-less testing with cover in place and easy maintenance features. Can be mounted both vertically and horizontally.



RT-3000-P

Photoelectric weather-tight duct smoke detector

The only weatherproof detectors on the market to hold a NEMA 4X rating for outdoors installation and in harsh corrosive environments such as coastal regions.



SM-501-P

Photoelectric duct smoke detector

Features a vertical-style footprint, traditional compact housing and a sturdy steel back box.



HS-100-P

Low air flow plenum flexible applications detector

Photoelectric duct smoke detector provides duct smoke detection with no sample or exhaust tubes. Excellent option for a wide range of air velocities (0-3000 ft/minute) and for use in air handling package unit plenums and other flexible applications.



SAMPLING TUBES

Fast Tube

Modular sectional sampling tubes. Easily stored, quickly assembled to length, and UL Listed to perform as intended with ACI brand duct detectors.

Package of (3) 24" Sections



Sampling tubes are necessary with all ACI duct smoke detectors (except HS-100) for proper installation and to meet code requirements.



STS- Series

Sampling Tubes

STN are notched-ended metal tubes for use with SL-2000 and RT-3000 detectors.

STS are smooth-ended metal tubes for use with SM-501 detectors.

- | | |
|------------------------|-------------------|
| STN-1.0 | 10" Tube |
| STN- / STS-2.5 | 2.5' Tube |
| STN- / STS-5.0 | 5.0' Tube |
| STN- / STS-10.0 | 10.0' Tube |

REMOTE STATIONS






Remote stations allow to conveniently access detectors from easily accessible locations, avoiding disruption to building occupants and allow to easily perform tests and checks with no tools required. ACI remotes provide a broad range of visual and audible notifications required for duct smoke detectors. Package includes faceplate screws.

MSR SERIES - REMOTE TEST STATIONS

Offered in single/double gang white plates, compatible with any decora-style plate. Easier to install thanks to fewer conductors.







MSR-100 Series


Optional features: Silence function with a ring back, and buzzer for trouble. Enhanced sounder with LED strobe. Five wires for install.

LED: ● alarm ● pilot ● trouble	TEST/RESET: 	MSR-100R/W	MSR-100RA/W	MSR-100RAV/W/C	MSR-100RV/W/C
					
		Key & LED Indicator Only	Horn	Horn & Strobe	Strobe

MSR-50 Series

Optional features: Enhanced sounder with LED strobe. Four wires for install.

LED: ● alarm ● pilot OFF trouble	TEST/RESET:  	MSR-50RM/W	MSR-50RK/W	MSR-50RKA/W	MSR-50RKAV/W/C
					
		Magnet Test, Pushbutton Reset, LED Indicator	Key & LED Indicator Only	Key & Strobe	Key Horn & Strobe

	MSR-AV/T Indicator Key features: Provides combination audible and visual notification, 24VDC input polarized terminals.
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MSR SERIES - REMOTE STATIONS

Key features: Rugged industrial design. Stainless steel plates Audible and visual indication.

LED: ● alarm ● pilot OFF trouble	TEST/RESET:  	MS-RA	MS-KA/R	MSR-50RKA/W
				
		"ALARM" Labeled LED alarm	Key test LED alarm	LED alarm/pilot, push button test & reset

PLEASE NOTE: ACI REMOTE STATIONS ARE ONLY COMPATIBLE WITH ACI DETECTORS

ACCESSORIES

WEATHER PROTECTION

WP Series

Waterproof enclosures



Provide NEMA-3R rated protection to duct detectors installed outdoors. (Detector not included)

WP-2000 ENCLOSURE for SL-2000

POWER REQUIREMENTS

T-PB Series



Power supplies provide 24VAC from a 115VAC @ 1.0A input

T-PB-202-0: 96VA, 24VAC @ 4A

T-PB-202-1: as 202-0, with Enclosure

TESTING

TG Series

Test Gas



For aerosol testing for ACI duct detectors with LED strobe. Compatible with any decora-style plate, comes in white finish.

TG-1000 Solo™ Smoke Gas for SM-501, HS-100 & Open Area detectors

TG-1500 Smoke Centurion Gas™ for SM-501, HS-100 & Open Area detectors

TG-2000 Solo™ Smoke Gas w/ Test Port Nozzle for SL-2000 & RT-3000

TG-2500 Smoke Centurion Gas™ w/Test Port Nozzle for SL-2000 & RT-3000

MAINTENANCE

Replacement Sensors



No tools required, twist-on heads for all ACI duct smoke detectors: SL-2000, RT-3000, SM-501 and HS-100.

PART#: 55000-328APO