



# Planning Notes for Automatic Fire Detectors



**BOSCH**





Observe product-specific specifications and country-specific guidelines and standards during the planning phase.

**Automatic fire detectors for use in a Local SecurityNetwork (LSN and LSN improved version) and in conventional technology**

Scope of application		IT system, switch cabinet,	Electrical system,	Clean, maintained room (office, theater, museum)	Conference room, smokers' office	Cable duct, cable tunnel, intermediate ceiling, false floor	Ventilation duct	Storage depot and production -depot with low dust accumulation	Production workshops with high dust accumulation (wood and textile processing industry)	High-board warehouse with low dust accumulation	High-board warehouse with high dust accumulation	Garage, multi-storey parking lot	Room where smoke is generated as a result of general operation (welding shop, forge)	Room where steam is generated as a result of general operation (laundromat, kitchen)	Area with a potentially explosive atmosphere; see ATEX approval	Area subject to increased radiation
Fire detector	Product ID	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆ (3)	☆☆	☆☆ (3)	○	○
<b>Multisensor detector</b>																
FAP-OC 520	F.01U.510.151	☆☆☆	☆☆☆	☆☆☆	☆☆☆	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆ (3)	☆☆	☆☆ (3)	○	○
FAP-OC 520-P	F.01U.510.162	☆☆☆	☆☆☆	☆☆☆	☆☆☆	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆ (3)	☆☆	☆☆ (3)	○	○
FCP-OC 500	F.01U.510.653	☆☆☆	☆☆☆	☆☆☆	☆☆☆	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆ (3)	☆	☆	○	○
FCP-OC 500-P	F.01U.510.656	☆☆☆	☆☆☆	☆☆☆	☆☆☆	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆ (3)	☆	☆	○	○
FAP-OTC 420	F.01U.508.816	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	○	☆☆☆	○	☆☆☆	☆☆☆ (3)	☆☆	☆☆ (3)	○	○
FAP-OT 420	F.01U.508.815	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	○	☆☆☆	○	☆☆☆	☆☆ (3)	☆	☆ (3)	○	○
FCP-OC320	F.01U.026.292	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	○	☆☆☆	○	☆☆☆	☆☆ (3)	☆	☆ (3)	○	○
FCP-OC320-R470	F.01U.029.867	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	○	☆☆☆	○	☆☆☆	☆☆ (3)	☆	☆ (3)	○	○
FCP-OT320	F.01U.026.295	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	○	☆☆☆	○	☆☆☆	☆☆ (3)	☆	○	○	○
FCP-OT320-R470	F.01U.029.862	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	○	☆☆☆	○	☆☆☆	☆☆ (3)	☆	○	○	○
<b>Optical detector</b>																
FAP-O 520	F.01U.510.149	☆☆☆	☆☆☆	☆☆☆	☆☆	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	○	○	○	○	○
FAP-O 520-P	F.01U.510.161	☆☆☆	☆☆☆	☆☆☆	☆☆	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	○	○	○	○	○
FCP-O 500	F.01U.510.649	☆☆☆	☆☆☆	☆☆☆	☆☆	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	○	○	○	○	○
FCP-O 500-P	F.01U.510.654	☆☆☆	☆☆☆	☆☆☆	☆☆	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	○	○	○	○	○
FAP-O 420	F.01U.508.813	☆☆☆	☆☆☆	☆☆☆	☆☆	☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	○	○	○	○	○
FAP-O 420 KKW	F.01U.508.687	☆☆☆	☆☆☆	☆☆☆	☆☆	☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	○	○	○	○	☆☆☆
FCP-O320	F.01U.026.293	☆☆☆	☆☆☆	☆☆☆	☆☆	☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	○	○	○	○	○
FCP-O320-R470	F.01U.029.857	☆☆☆	☆☆☆	☆☆☆	☆☆	☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	○	○	○	○	○
FAD-O 420	F.01U.028.895	○	○	○	○	☆☆☆ (1)	○	○	○	○	○	○	○	○	○	○
DOW 1171	4.998.115.784	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆☆☆	○	○	○	○	○
DO1101A-Ex	4.998.112.080	○	○	○	○	○	○	○	○	○	○	○	○	○	☆☆☆ (5)	○
<b>Heat detector</b>																
FAH-T 420	F.01U.508.915	○	☆	☆☆	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆	☆☆	☆☆ (3)	○	○
FAH-T 420 KKW	F.01U.508.686	○	☆	☆☆	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆	☆☆	☆☆ (3)	○	☆☆☆
FCH-T320	F.01U.026.291	○	☆	☆☆	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆	☆☆	☆☆ (3)	○	○
FCH-T320-R470	F.01U.029.861	○	☆	☆☆	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆	☆☆	☆☆ (3)	○	○
FCH-T320-FSA	F.01U.026.294	○	☆	☆☆	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	☆	☆☆	☆☆ (3)	○	○

☆☆☆ : Particularly suitable for use (1) : with dust filter    ☆☆☆ : Suitable for use (2) : only with good ventilation    ☆☆☆ : Use possible (3) : w/detector base w/damp room seal    ○ : Not suitable for use (4) : with water separator (5) : with special equipment

**Automatic fire detectors for use in a Local SecurityNetwork (LSN and LSN improved version) and in conventional technology**

Scope of application		Electrical system, switch cabinet, IT system	Clean, maintained room (office, theater, museum)	Conference room, smokers' office	Cable duct, cable tunnel, intermediate ceiling, false floor	Ventilation duct	Storage depot and production -depot with low dust accumulation	Production workshops with high dust accumulation (wood and textile processing industry)	High-board warehouse with low dust accumulation	High-board warehouse with high dust accumulation	Garage, multi-storey parking lot	Room where smoke is generated as a result of general operation (welding shop, forge)	Room where steam is generated as a result of general operation (laundromat, kitchen)	Area with a potentially explosive atmosphere; see ATEX approval	Area subject to increased radiation
Fire detector	Sachnummer														
<b>Flame detector</b>															
DF 1192	4.998.112.082	○	○	○	○	○	☆☆	○	○	○	☆	○	○	○	○
DF 1101 A-Ex	4.998.112.081	○	○	○	○	○	○	○	○	○	☆	○	○	☆☆☆ (5)	○
<b>Linear smoke detector</b>															
Fireray 50RV	4.998.142.205	○	☆☆☆	○	○	○	☆☆☆	☆☆	○	○	○	○	○	○	○
Fireray 100RV	4.998.142.206	○	☆☆☆	○	○	○	☆☆☆	☆☆	○	○	○	○	○	○	○
Fireray 2000	4.998.001.940	○	☆☆☆	○	○	○	☆☆☆	☆☆	○	○	○	○	○	○	○
FRAY-5000-EN-50	F.01U.082.893	○	☆☆☆	○	○	○	☆☆☆	☆☆	○	○	○	○	○	○	○
<b>Aspirating smoke detector</b>															
FAS-420-TM Series:															
- FAS-420-TM	F.01U.078.495	☆☆☆	☆☆☆	○	☆☆	☆	☆☆	☆☆ (1)	☆☆☆	☆☆☆ (1)	○	○	☆☆ (4)	☆ (5)	○
- FAS-420-TM-R	F.01U.078.496	☆☆☆	☆☆☆	○	☆☆	☆	☆☆	☆☆ (1)	☆☆☆	☆☆☆ (1)	○	○	☆☆ (4)	☆ (5)	○
- FAS-420-TM-RVB	F.01U.078.497	☆☆☆	☆☆☆	○	☆☆	☆	☆☆	☆☆ (1)	☆☆☆	☆☆☆ (1)	○	○	☆☆ (4)	☆ (5)	○
FAS-420 Series:															
- FAS-420-TP1	F.01U.029.255	☆☆☆	☆☆☆	○	☆☆	☆	☆☆	☆☆ (1)	☆☆☆	☆☆☆ (1)	○	○	☆☆ (4)	☆ (5)	○
- FAS-420-TP2	F.01U.029.256	☆☆☆	☆☆☆	○	☆☆	☆	☆☆	☆☆ (1)	☆☆☆	☆☆☆ (1)	○	○	☆☆ (4)	☆ (5)	○
- FAS-420-TT1	F.01U.029.252	☆☆☆	☆☆☆	○	☆☆	☆	☆☆	☆☆ (1)	☆☆☆	☆☆☆ (1)	○	○	☆☆ (4)	☆ (5)	○
- FAS-420-TT2	F.01U.029.253	☆☆☆	☆☆☆	○	☆☆	☆	☆☆	☆☆ (1)	☆☆☆	☆☆☆ (1)	○	○	☆☆ (4)	☆ (5)	○
<b>Linear heat detector</b>															
FCS-LWM-1	F.01U.026.138	○	○	○	○	○	○	○	○	○	☆☆☆	☆☆	☆☆☆	○	☆☆☆
Transafe ADW 511A	F.01U.523.579	○	○	○	○	○	○	☆☆☆	○	○	☆☆☆	☆☆	☆☆☆	○	☆☆☆

☆☆☆ : Particularly suitable for use (1) : with dust filter  
 ☆☆☆ : Suitable for use (2) : only with good ventilation  
 ☆ : Use possible (3) : w/detector base w/damp room seal (4) : with water separator  
 ○ : Not suitable for use (5) : with special equipment

**Recommended service unit for the automatic fire detectors included in current product range**

Fire detector	Detector exchanger			Required test device			Required test aerosol	
	SOLO200 Detector Removal Tool (NoClimb) 4.998.112.113	Exchanger Device for DO1101A-Ex and DOW 1171 4.998.120.144	FAA-500-RTL Exchanger Device (NoClimb) F.01U.508.720	SOLO461 Heat Detector Tester (NoClimb) 4.998.112.072	SOLO330 Smoke Detector Tester (NoClimb) 4.998.112.071	FAA-500-TTL Test Adapter with Magnet (NoClimb) F.01U.508.725	Solo A3-001 Test Aerosol for Optical Smoke Detectors 4.998.112.074	Solo CO Testing Gas 4.998.142.221
Multisensor detector	Manufacturer	Product ID						
FAP-OC 520	Bosch	F.01U.510.151	☆☆☆	○	☆☆☆	☆☆☆ (1)	○ (2)	☆☆☆
FAP-OC 520-P	Bosch	F.01U.510.162	☆☆☆	○	☆☆☆	☆☆☆ (1)	○ (2)	☆☆☆
FCP-OC 500	Bosch	F.01U.510.653	☆☆☆	○	☆☆☆	☆☆☆ (1)	○ (2)	☆☆☆
FCP-OC 500-P	Bosch	F.01U.510.656	☆☆☆	○	☆☆☆	☆☆☆ (1)	○ (2)	☆☆☆
FAP-OTC 420	Bosch	F.01U.508.816	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆
FAP-OT 420	Bosch	F.01U.508.815	☆☆☆	○	○	☆☆☆	☆☆☆	○
FCP-OC320	Bosch	F.01U.026.292	☆☆☆	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆
FCP-OC320-R470	Bosch	F.01U.029.867	☆☆☆	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆
FCP-OT320	Bosch	F.01U.026.295	☆☆☆	○	☆☆☆	☆☆☆	☆☆☆	○
FCP-OT320-R470	Bosch	F.01U.029.862	☆☆☆	○	☆☆☆	☆☆☆	☆☆☆	○
<b>Optical detector</b>								
FAP-O 520	Bosch	F.01U.510.149	○	○	☆☆☆	☆☆☆ (1)	○ (2)	○
FAP-O 520-P	Bosch	F.01U.510.161	○	○	☆☆☆	☆☆☆ (1)	○ (2)	○
FCP-O 500	Bosch	F.01U.510.649	○	○	☆☆☆	☆☆☆ (1)	○ (2)	○
FCP-O 500-P	Bosch	F.01U.510.654	○	○	☆☆☆	☆☆☆ (1)	○ (2)	○
FAP-O 420	Bosch	F.01U.508.813	☆☆☆	○	○	☆☆☆	☆☆☆	○
FAP-O 420 KKW	Bosch	F.01U.508.687	☆☆☆	○	○	☆☆☆	☆☆☆	○
FCP-O320	Bosch	F.01U.026.293	☆☆☆	○	○	☆☆☆	☆☆☆	○
FCP-O320-R470	Bosch	F.01U.029.857	☆☆☆	○	○	☆☆☆	☆☆☆	○
FAD-O 420	Bosch	F.01U.028.895	○	○	○	☆☆☆	☆☆☆	○
DOW 1171	Siemens	4.998.115.784	○	☆☆☆	○	☆☆☆	☆☆☆	○
DO1101A-Ex	Siemens	4.998.112.080	○	☆☆☆	○	☆☆☆	☆☆☆	○
<b>Heat detector</b>								
FAH-T 420	Bosch	F.01U.508.915	☆☆☆	○	○	☆☆☆	○	○
FAH-T 420 KKW	Bosch	F.01U.508.686	☆☆☆	○	○	☆☆☆	○	○
FCH-T320	Bosch	F.01U.026.291	☆☆☆	○	○	☆☆☆	○	○
FCH-T320-R470	Bosch	F.01U.029.861	☆☆☆	○	○	☆☆☆	○	○
FCH-T320-FSA	Bosch	F.01U.026.294	☆☆☆	○	○	☆☆☆	○	○

☆☆☆ : Particularly suitable for use  
 ☆☆☆ (1) : Use in combination with  
 ☆☆☆ (2) : Suitable for use  
 ☆☆☆ (3) : Use possible  
 ☆☆☆ (3) : Not for locked detectors  
 ○ : Not suitable for use

### Recommended service unit for the automatic fire detectors included in current product range

Infrared flame detector	Manufacturer	Product ID	Required testing equipment	Testing notes	Standard test device for use
DF 1192	Siemens	4.998.112.082	Special infrared test lamp from Siemens (Alternative: cigarette lighter, not for Ex-areas!)	Train the switched-on test lamp on the detector's sensor openings. Hold a cigarette lighter burning with a large flame in front of the detector's sensor openings (not for Ex-areas!).	○
DF 1101 A-Ex		4.998.112.081	Special infrared test lamp from Siemens	Train the switched on test lamp on the detector's sensor openings.	
<b>Linear smoke detector</b>					
Fireray 50RV	Fire Fighting Enterprises	4.998.142.205	Special test foil from device manufacturer	Cover the detector's receiver part with the test foil.	○
Fireray 100RV		4.998.142.206			
Fireray 2000		4.998.001.940			
FRAY-5000-50-EN		F.01U.082.893			
<b>Aspirating smoke detectors</b>					
FAS-420 Series: - FAS-420-TP1 - FAS-420-TP2 - FAS-420-TT1 - FAS-420-TT2 FAS-420-TM Series: - FAS-420-TM - FAS-420-TM-R - FAS-420-TM-RVB	Bosch	F.01U.029.255 F.01U.029.256 F.01U.029.252 F.01U.029.253  F.01U.078.495 F.01U.078.496 F.01U.078.497	Test pipe 4.998.148.848 Test adapter 4.998.148.849 Retaining device for smoke rods Acid-free smoke rods  DIAG Diagnostic software F.01U.033.505: - optional for FAS-420-TP/-TT/-TM - mandatory setup and testing equipment for FAS-420-TM-R and FAS-420-TM-RVB	Hold retainer with smoldering smoke rods in front of an aspiration hole.	○
<b>Linear heat detector</b>					
FCS-LWM-1	Kidde-Deugra	F.01U.026.138	Test coil from device manufacturer, alternatively via test keys on the device	Clip on test coil and immerse in hot water. Alternatively, use the test keys TEST FAULT and TEST ALARM.	○
Transafe ADW 511A	Securiton	F.01U.523.579	Test coil from device manufacturer	Connect test coil and immerse in hot water.	

☆☆☆ : Particularly suitable for use ☆☆☆ : Suitable for use

☆ : Use possible

○ : Not suitable for use

## Recommended service unit for the automatic fire detectors no longer included in current product range

Fire detector	Required service devices				Required test devices				Required test aerosol	
	SOLO200 Detector Removal Tool (NoClimb) 4.998.112.113	Exchanger Device for DO1101A-Ex and DOW 1171 4.998.120.144	FAA-500-RTL Exchanger Device (NoClimb) F.01U.508.720	SOLO461 Heat Detector Tester (NoClimb) 4.998.112.072	SOLO330 Smoke Detector Tester (NoClimb) 4.998.112.071	FAA-500-TTL Test Adapter with Magnet (NoClimb) F.01U.508.725	Solo A3-001 Test Aerosol for Optical Smoke Detectors 4.998.112.074	Solo CO Testing Gas 4.998.142.221		
Multisensor detector	Product ID									
FAP-OC 500	Bosch	4.998.143.522	☆☆☆	○	☆☆☆	☆☆☆ (1)	○ (2)	☆☆☆	☆☆☆	
FAP-OC 500-P	Bosch	4.998.150.696	☆☆☆	○	☆☆☆	☆☆☆ (1)	○ (2)	☆☆☆	☆☆☆	
OT 200 LSN	Bosch / Ziton	2.799.330.875	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	○	
OTC 410 LSN	Bosch	4.998.101.151	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
OC 410 E LSN	Bosch	4.998.101.152	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
OT 400 E LSN	Bosch	4.998.130.602	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
OT 400 LSN KKW/FSA	Bosch	4.998.131.147	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
<b>Optical detector</b>										
FAP-O 500	Bosch	4.998.150.695	☆☆☆	○	☆☆☆	☆☆☆ (1)	○ (2)	☆☆☆	☆☆☆	
FAP-O 500-P	Bosch	4.998.150.697	☆☆☆	○	☆☆☆	☆☆☆ (1)	○ (2)	☆☆☆	☆☆☆	
OM 200 LSN	Bosch / Ziton	2.799.330.874	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
GOM 120	Bosch / Ziton	2.799.330.860	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
NOM 100 LSN grey	Detectomat	2.799.330.817	☆☆ (3)	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
NOM 100 LSN white	Detectomat	2.799.330.823	☆☆ (3)	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
NOM K 100 LSN	Detectomat	2.799.330.865	☆☆ (3)	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
BD 102 O	Detectomat	2.799.350.365	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
BR12	Siemens	2.799.330.727	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
BR12 Ex	Siemens	4.998.001.071	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
ORM 130 / A (Y)	Hekatron	2.799.330.709	○	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
ORM 130 / 8 Ex	Hekatron	2.799.330.709	○	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
ORM 140 / Z	Hekatron	2.799.330.356	○	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
O 400 E LSN	Bosch	4.998.121.032	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
O 400 LSN KKW/FSA	Bosch	4.998.131.148	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
<b>Heat detector</b>										
TM 200 LSN	Bosch / Ziton	2.799.330.873	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
GTM 120	Bosch / Ziton	2.799.330.862	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
NTM 100 LSN	Detectomat	2.799.330.824	☆☆ (3)	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
BD 101 D Typ 88	Detectomat	2.799.330.376	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
WDM 215 / 8 Ex (4)	Hekatron	4.998.000.499	○	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
BD 857	Siemens	2.799.330.766	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
BD 957	Siemens	2.799.330.524	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
BM 957	Siemens	2.799.330.525	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
WDM 240 (4)	Hekatron	2.799.330.360	○	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
WDM 241 (4)	Hekatron	2.799.330.355	○	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
T 400 E LSN	Bosch	4.998.130.603	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	
T 400 LSN KKW/FSA	Bosch	4.998.131.148	☆☆☆	○	○	☆☆☆	☆☆☆	☆☆☆	☆☆☆	

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(1) : Use in combination with (2) : O test has to be made without aerosol (3) : Not for locked detectors (4) : Exchanger devices from Hekatron

**Recommended service unit for the automatic fire detectors no longer included in current product range**

Fire detector	Required service devices				Required test devices				Required test aerosol		
	SOLO200 Detector Removal Tool (NoClimb) 4.998.112.113	Exchanger Device for DO1101A-Ex and DOW 1171 4.998.120.144	FAA-500-RTL Exchanger Device (NoClimb) F.01U.508.720	SOLO461 Heat Detector Tester (NoClimb) 4.998.112.072	SOLO330 Smoke Detector Tester (NoClimb) 4.998.112.071	FAA-500-TTL Test Adapter with Magnet (NoClimb) F.01U.508.725	Solo A3-001 Test Aerosol for Optical Smoke Detectors 4.998.112.074	Solo CO Testing Gas 4.998.142.221			
Ionization detector	Manufacturer	Product ID									
GIM 120	Bosch / Ziton	2.799.330.861	☆☆☆	○	○	○	○	☆☆☆	☆☆☆	☆☆☆	○
NIM 100 LSN	Detectomat	2.799.330.822	☆☆ (3)	○	○	○	○	☆☆☆	☆☆☆	☆☆☆	○
BD 102 IA	Detectomat	2.799.330.800	☆☆ (3)	○	○	○	○	☆☆☆	☆☆☆	☆☆☆	○
BR 910	Siemens	2.799.330.728	☆☆	○	○	○	○	☆☆	☆☆	☆☆	○
F 600	Siemens	2.799.330.531	☆☆	○	○	○	○	☆☆	☆☆	☆☆	○
F 6A Ex	Siemens	2.799.330.532	☆☆	○	○	○	○	☆☆	☆☆	☆☆	○
F 911 Ex	Siemens	2.799.350.363	☆☆	○	○	○	○	☆☆	☆☆	☆☆	○
BR 800	Siemens	2.799.330.725	☆☆ (3)	○	○	○	○	☆☆	☆☆	☆☆	○
BR 716	Siemens	2.799.330.726	☆☆ (3)	○	○	○	○	☆☆	☆☆	☆☆	○
IRM 136 A (4)	Hekatron	2.799.330.706	○	○	○	○	○	☆☆☆	☆☆☆	☆☆☆	○
IRM 146 (4)	Hekatron	2.799.330.707	○	○	○	○	○	☆☆☆	☆☆☆	☆☆☆	○

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**Recommended service unit for the automatic fire detectors no longer included in current product range**

Infra red flame detector	Manufacturer	Product ID	Required testing equipment	Testing notes	Standard test device for use
S 2406 Ex	Siemens	2.799.330.780	Special infrared test lamp from Siemens	Train the switched on test lamp on the detector's sensor openings.	
S 2406	Siemens	2.799.330.782	Special infrared test lamp from Siemens (Alternative: cigarette lighter)	Train the switched on test lamp on the detector's sensor openings.	○
UFM 840	Hekatron	2.799.330.357		Hold a cigarette lighter burning with a large flame in front of the detector's sensor openings.	
<b>Linear smoke detector</b>					
Fireay 1401	Fire Fighting Enterprises	2.799.330.764	Special test foil from device manufacturer	Cover the detector's receiver part with the test foil.	○
<b>Aspirating smoke detector</b>					
TITANUS Complete devices:					
- PROSENS TP-1		4.998.143.287	Test pipe 4.998.148.848 Test adapter 4.998.148.849 Retaining device for smoke rods Acid-free smoke rods optional: DIAG Diagnostic software F.01U.033.505	Hold retainer with smoldering smoke rods in front of an aspiration hole.	○
- PROSENS TP-1 A		F.01U.523.281			
TITANUS Basic devices:	Bosch				
- PROSENS TP-1		4.998.143.390	Retaining device for smoke rods Acid-free smoke rods	Hold retainer with smoldering smoke rods in front of an aspiration hole.	○
- PROSENS TP-2		4.998.143.391			
- PROSENS TP-1 A		F.01U.523.278			
- PROSENS TP-2 A		F.01U.523.280			
- TOPSENS TT-1		4.998.143.397			
- TOPSENS TT-2		4.998.143.398			
RAS 51	Securiton	2.799.330.741	Retaining device for smoke rods Acid-free smoke rods	Hold retainer with smoldering smoke rods in front of an aspiration hole.	○
RAS 54	Securiton	2.799.330.842			
RAS 100 LSN-1	Securiton	4.998.030.987			
RAS 100 LSN-2	Securiton	4.998.030.991			
RAS-XL	Securiton	4.998.119.857			
<b>Linear heat detector</b>					
Alarmline LHD4	Kidde-Deugra	2.799.330.835	Test loop from device manufacturer	Clip on test loop and immerse in hot water.	○
Transafe ADW 511	Securiton	4.998.001.981	Test coil from device manufacturer	Connect test coil and immerse in hot water.	
Transafe ADW 53 A	Securiton	2.799.330.850			
<b>Heat measurement detector</b>					
Heat measurement detector	Fenwall	2.799.280.218	Hot water, adjustable hot air blower	Heat up heat measuring stick using hot water or hot air.	○

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