

CHAPTER 6



Detectors

Regin has a complete range of smoke detectors, both for duct mounting and for mounting on ceilings, with or without service alarm and auxiliary fan. They come in two types, ionisation or optical.

- Smoke detectors
- Alarm units
- Smoke and cooling spray
- Presence detectors

Detectors

Smoke detectors



Single pipe smoke detectors for duct-mounting.

- Compact design
- Single pipe

Technical data	
Supply voltage	15...30 V DC (via alarm unit, ABV...)
Power consumption	0.14 mA, 50 mA (alarm)
Mounting	Duct-mounting
Protection class	IP54

Description		Type	Notes
Ionisation duct detector	Standard model	SDD-S65	
Ionisation duct detector	With service alarm	SDD-S50	
Ionisation duct detector	With built-in relay (24V)	SDD-S65-R	
Ionisation duct detector	With auxiliary fan	SDD-S65-M	
Ionisation duct detector	With auxiliary fan and service alarm	SDD-S50-M	
Optical duct detector	Standard model	SDD-OE65	
Optical duct detector	With service alarm	SDD-OE50	

Accessories	Type	Notes
Mounting spacer for insulated pipe ducts	TDS	
Venturi tube for SDD-S... models, 600 mm length (standard)	VR600	
Venturi tube for SDD-S... models, 2000 mm length	VR2000	

Smoke detectors



Smoke detectors for ceiling-mounting.

- Compact design
- Built-in service alarm

Technical data	
Supply voltage	15...30 V DC (via alarm unit, ABV...)
Power consumption	0.14 mA, 50 mA (alarm)
Mounting	Ceiling-mounting
Protection class	IP20

Description		Type	Notes
Ionisation ceiling detector	Standard model	S65	
Ionisation ceiling detector	with service alarm	S50	
Optical ceiling detector	Standard model	S65-OE	
Optical ceiling detector	with service alarm	S50-OE-GA4	

Accessories	Type	Notes
Socket for S50 and S65-detectors	S-BP	
Socket for S50-detectors with built in changing relay (24 V AC)	S-BPR-S50	
Socket for S65-detectors with built in changing relay (24 V AC)	S-BPR-S65	

Alarm unit for smoke detector



Alarm units for the SDD, S50 and S65 series. Provides power supply and alarm handling for service detectors with or without service alarm. Intended for DIN-rail mounting.

- 24 V AC or 230 V AC power supply
- Two relay contacts for alarm

Technical data	
Supply voltage	24 V AC or 230 V AC
Power consumption	30 mA (70 mA on alarm), 1 VA (1.7 on alarm)
Alarm outputs	
ABV...-S-300/D	One (1) changing contact (smoke) One (1) closing contact (smoke) One (1) closing contact (service)
ABV...-300/D	Two (2) changing contacts (smoke alarms)
Mounting	DIN-rail mounting, 3 modules
Protection class	IP20

Description	Type	Notes
Alarm unit, 24 V AC	ABV24-300/D	
Alarm unit, 24 V AC, with service alarm	ABV24-S-300/D	
Alarm unit, 230 V AC	ABV-300/D	
Alarm unit, 230 V AC, with service alarm	ABV-S-300/D	

Smoke spray & cooling spray



Smoke spray

Gas for control of smoke detectors.
Suitable for use with both ionising and optical detectors.

Cooling spray

Cools down to -50°C
Used for control of frost protection.



Description	Type	Notes
Smoke detector spray can, 260 ml	SS-260	
Cooling spray can, 200 ml	CS-260	

Presence detector



IR24-P



IR24-PC

A detector that gives a signal when someone is present in the room under supervision. The detector has a pulse-detecting function that minimizes the risk of false alarm. Settable output on/off delay.

- Unobtrusive design
- Change-over relay

Technical data	
Supply voltage	24 V AC/DC, 0.1 VA
Alarm output	200 mA, 24 V DC, changing contact
Power consumption	15 mA
Temperature range	-20°C...+50°C
Ambient humidity	Max. 95% RH
Mounting	Wall/ceiling-mounting
Protection class	IR24-P: IP 40, IR24-PC: IP20

Description	Mounting	Working area	Type	Notes
Presence detector	Wall	15 x 15 m, 110° angle	IR24-P	
Presence detector	Ceiling	Height x 2.5 at 25°	IR24-PC	

Miscellaneous

Thermometer



A robust thermometer for duct mounting. Easy to mount. Can be adjusted to fit different duct sizes by means of the moveable fastening-flange. Rubber seal prevents air leakage.

Technical data	
Diameter	65 mm
Total length	162 mm

Description	Temperature range	Type	Notes
Thermometer	-40...+40°C	T40	
Thermometer	0...60°C	T60	
Thermometer	0...100°C	T100	
Thermometer	-40...+40°C (pack of 25)	T40:25	

Magnet tester



An efficient, easy to use pen-shaped instrument for testing magnetic fields and for error detection in automatic systems with coils and magnetic valves. The magnet-tester is sensitive and responds immediately by means of an LED display and a buzzing tone when held against the activated magnetic valve or coil.

Description	Type	Notes
Magnet tester	MAGNETTESTER	

Differential pressure manometer



A simple, compact, easy to use filter manometer. Is supplied with measuring-fluid, pressure outlets and an adhesive label for noting down the type of filter and initial and final pressure drop.

Technical data	
Pressure range	0...1200 Pa
Dimensions	180 x 30 mm

Description	Type	Notes
Manometer	MINI1200	
Manometer, pack of 25	MINI1200:25	

Differential pressure manometer



A device for measuring with higher accuracy. The manometer measures up to 600 Pa differential pressure with enhanced resolution between 0 and 200 Pa. Equipped with blow-out protection and a knob for zero point adjustment. Maximum total pressure 100 kPa. MV600 is supplied complete with measuring fluid, pressure outlets, tubing, screws and an adhesive label for noting down initial and final pressure drop.

Technical data	
Pressure range	0...600 Pa
Accuracy	+/-3%
Ambient temperature	-45...+65°C
Dimensions	210 x 140 x 33 mm

Description	Type	Notes
Manometer	MV600	

Manometer accessories

Description	Type	Notes
Blue measuring fluid (MINI 1200) 1.05 g/cm ³ , 500 ml	MM-F2	
Red measuring fluid (MV600) 0.786 g/cm ³ , 30 ml	MM-F3	
Pressure outlet, black plastic. For 6 mm tubing. pack of 25	MTU:25	
Pressure outlet, black plastic. For 6 mm tubing. pack of 100	MTU:100	
Plastic tubing Ø 6 mm. Transparent. pack of 25 m	MM-P:25	
Plastic tubing Ø 6 mm. Transparent. pack of 100 m	MM-P:100	
Expansion plug grey plastic, 8 mm, package of 1000 pcs	IPP8:1000	
Expansion plug grey plastic, 10 mm, package of 1000 pcs	IPP10:1000	
Expansion plug grey plastic, 12 mm, package of 250 pcs	IPP12:250	
Plastic T-branch joining piece, for 6 mm tubing, pack of 100 pcs	T-ROR:100	