

# SMOKE DETECTORS

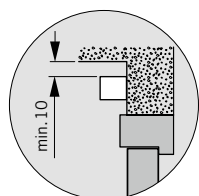
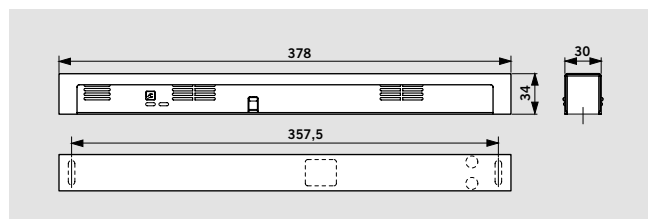
The RMZ and RM-N smoke detectors provide the ideal complement to the TS 93 system for passive/preventive fire protection. They are designed in accordance with the latest codes issued by the

German Institute for Building Technology and ensure perfect interaction between all the devices employed for holding open fire and smoke check doors – whatever the situation.

## RMZ

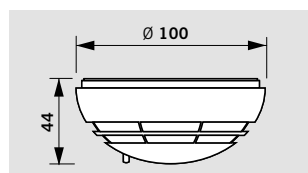
The RMZ smoke detector in the Contur design provides a 24V DC supply for all the hold-open devices connected to it. In the event of an alarm or power failure, it de-energises the devices (release function). It has an automatic reset which can be switched to manual mode if required. A floating (no-volt) change-over contact and connections for both further detectors and for an external manual release device are also

provided. The unit is available in the RMZ version with a stabilised power pack, or in the RMZ DCW® version without a power pack for integration in building management and control systems via a DCW® bus and the DORMA TMS door management system.



## RM-N

The RM-N smoke detector ensures the early detection both of smouldering fires and open fires with smoke evolution. It can be connected to all DORMA hold-open systems.



Data and features		RMZ	RM-N
Functions	Smoke detector	●	●
	Release device	●	–
	Power supply unit	●	–
Smoke detection	Scattered light principle (optical sensor)	●	●
Fixing	Lintel or transom-mounted	●	–
	Ceiling-mounted	–	●
Connection of other detectors		●	–
Total installed load (max.) for hold-open device and other detectors in W		9.8	–
Power consumption of internal detectors in W		1.2	0.65
LED indicators	Alarm	●	●
	Standby	●	–
	Maintenance due	●	–
	Contaminated	●	–
Input voltage		230 V AC ± 10 %	24 V DC +15%, -10%
Output voltage		24 V DC	–
Detector operating voltage		24 V DC +15%, -10%	24 V DC
Input current (max.) in mA		75	20
Floating (no-volt) change-over contact		24 V AC/DC	30 V AC/DC
Safety extra low voltage (SELV)		2 A	1 A
Reset	Automatic	●	●
	Can be changed to manual reset <sup>1)</sup>	●	–
Functional check	Smoke detection	●	●
Connection terminals for external manual release		●	–
Degree of protection		IP 30	IP 43
Ambient temperature in °C		–20, +40	–10, +60
Weight in kg		0.25	0.15
Dimensions in mm	Length	379	∅ 100
	Overall depth	34	
	Height	30	44
Compliant with EN 54 Part 7		●	●
CE mark for building products		●	●

● Yes – No

<sup>1)</sup> Required in connection with TS 99 FL and ITS 96 FL

## F Approval certification

The RMZ and RM-N smoke detectors have been granted general building approval by the German Institute for Building Technology, Berlin; acceptance inspection mandatory in Germany.