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PrimeTec A
PrimeScan A

The complete solution for activating and protecting sliding doors in acc. with DIN 18650

Practical, flexible, slender

- **Convenient operation:**
  Quick and easy to install
- **Wide range of possible applications:**
  Field up to 4 metres wide with very flexible field settings
- **Top design:**
  Modern and standardised

PrimeTec A / PrimeScan A

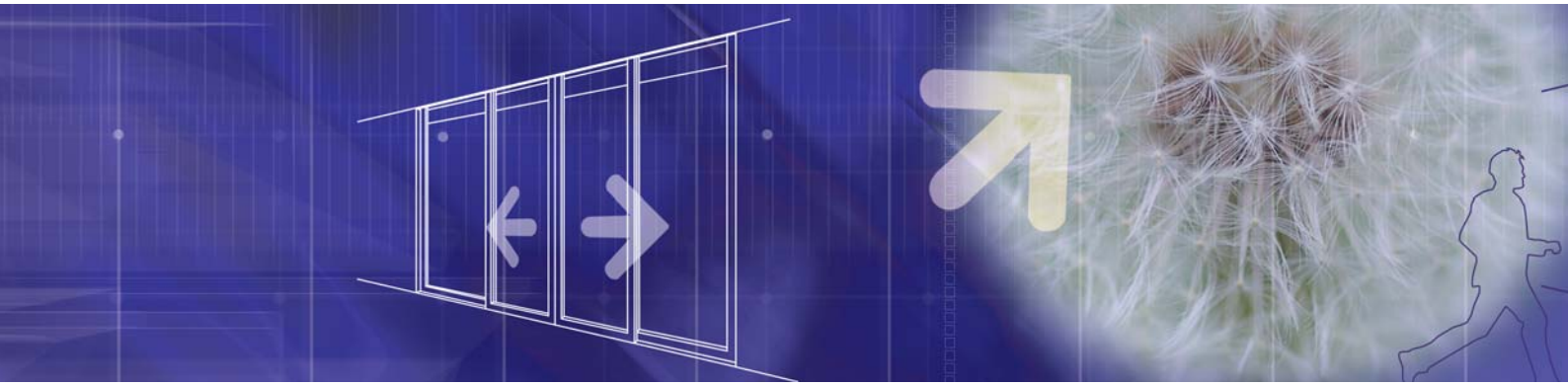
The complete solution for activating and protecting sliding doors in acc. with DIN 18650

PrimeTec A protects and opens

Tried-and-tested radar technology is used for opening automatic doors. The active infrared curtain used for person protection is self-monitoring (in acc. with DIN 18650) and is tested every time before the door panel closes. Various functions can be set according to the situation, for example: the field geometry of the active infrared curtain and of the radar or crossing traffic masking to aviod false activation.

PrimeScan A monitors the secondary closing edge

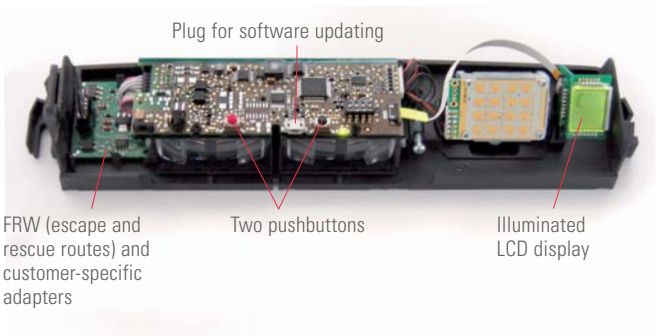
The active infrared curtain ensures optimum protection of the area at the side of the door. It protects people in the danger area of the opening door panel.



Your benefits

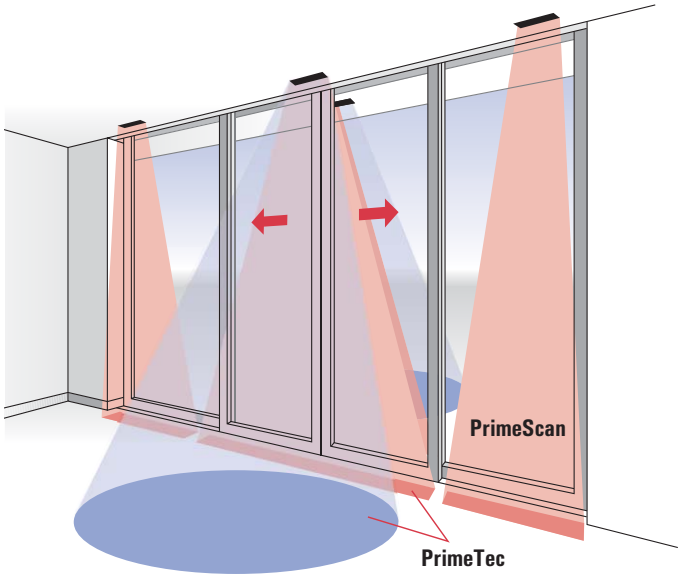
Quick and easy startup

- Automatic recognition of the test input
- Simple and straightforward operation by buttons, or configuration with bidirectional remote control
- Precise positioning of the AIR curtain thanks to inclination angle display on a clear scale



Field properties for additional safety

- Can even be used with wide and tall passage dimensions
- Mounting height up to 4 metres with an AIR field width of 4 metres
- Complies with DIN 18650 at least, up to 3.5 metres
- Electronic field geometry setting options (by remote control or buttons on the detector)



Accessories

High-quality accessories make the innovative PrimeTec A and PrimeScan A detectors so versatile that they can be used in an extremely wide range of applications.

PTCAP
PrimeTec rain cover

PTIS
PrimeTec and PrimeScan cover installation set

PTCM
PrimeTec and PrimeScan ceiling mounting

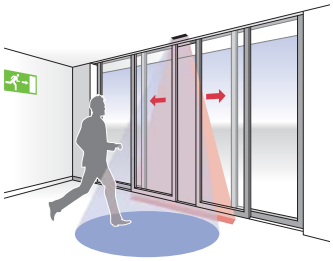
Reglobeam
Bidirectional remote control

Safe in every application

Situation
Activation and protection of sliding doors in escape and rescue routes (FRW)

Solution
- The PrimeTec A can be used for escape and rescue routes. Two variants (voltage and frequency output) enable the most common escape and rescue route drives to be activated

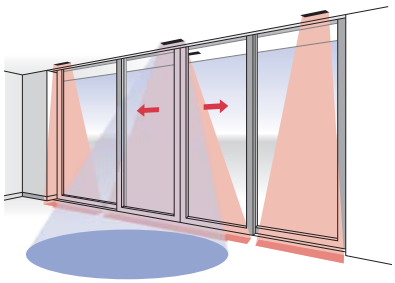
Advantage
- A complete sensor kit with standardised operation and modern design



Situation
Activation and protection of tall and very wide sliding doors

Solution
- The PrimeTec A is able to protect doors up to 4 metres wide at a mounting height of 4 metres

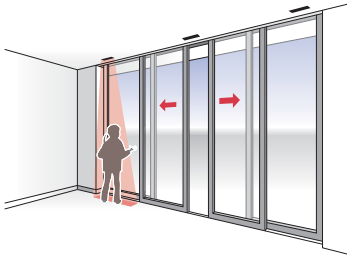
Advantage
- Only a single detector is required for wide doors



Situation
Protection of the secondary closing edge

Solution
- Various field geometry setting options enable the field to be individually adjusted

Advantage
- Optimum safety even under difficult ambient conditions



Order details

Article no.	Description
260501	**PrimeTec A ES**
260503	**PrimeTec A ES.SM.V**
260504	**PrimeTec A ES.SM.F**
260511	**PrimeScan A**

	PTCAP PrimeTec rain cover	
	PTIS PrimeTec and PrimeScan cover installation set	
	PTCM PrimeTec and PrimeScan ceiling mounting	

Supplementary products

Protects swing doors (compliant with DIN 18650) UniScan prevents contact with automatic swing doors	
Proximity switch CleanScan can also be ideally used as a contact-free opening detector for hospitals, restaurants and light control systems	

Technical data

Mechanical data		
Housing material		ABS / PA
Dimensions	PrimeTec A	260 × 60 × 48.5 mm (L × W × D)
	PrimeScan A	216 × 60 × 47.5 mm (L × W × D)
Weight	PrimeTec A	250 g
	PrimeScan A	180 g
Technological data		
Technology	PrimeTec A	Active infrared, double field radar module (24,125 GHz)
	PrimeScan A	Active infrared
Radar		
Dimensions of wide field (at 2.2 m)		max. 4.7 m × 1.7 m min. 1.1 m × 0.6 m
Dimensions of round field (at 2.2 m)		max. 2.7 m × 1.9 m min. 0.5 m × 0.5 m
Active infrared		
Dimensions of field (at 2.2 m)		max. 2.3 m × 0.2 m
Dimensions of AIR spot (at 2.2 m)		30 mm × 30 mm
Number of AIR spots		2 rows of 18 spots
Electrical data		
Power supply		11.5–32 VDC ± 0 %
Electrical power supply		≤ 120 mA
Making current		≤ 240 mA
Test input		Automatic detection
Response time in test		< 10 ms
AIR output		Optocoupler (50 V DC, 50 mA)
Radar output		Optocoupler (50 V DC, 50 mA)
Ambient conditions		
Mounting height		max. 4.0 m (DIN 18650 up to 3.5 m) min. 1.8 m
Operating temperature		–20 °C to +60 °C
Protection class		Suitable for use in acc. with IP54
Air humidity		≤ 95%, non-condensing
Normen		
Immission		EN 61000-6-1 EN 61000-6-2 IEC 61494-1
Emission		EN 61000-6-3 EN 61000-6-4 IEC 61494-1
EC type examination certificate in acc. with		AutschR, 1997 BS7036-1 & BS7036-2 DIN 18650-1 EN ISO 13849 EN 12978

Note
Technical details and recommendations concerning our products are based on experience and are an aid for the orientation of the user. Details stated in our brochures and data sheets do not guarantee special properties of the products. This does not apply to special product properties confirmed by us in writing or individually. Subject to technical alterations.

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