

# TWINTec MASK

Detectors



## FEATURES

- Both detectors work with the AND and WALK detection logics, which can be combined with the RDV® technology. The self test and the temperature compensation functions complete a set of sophisticated diagnostic functions. The detector TWINTec MASK is equipped with an antimasking protection, which, in the event of a masking attempt, induces the detector automatically to adopt the Walk logic.



<b>TWINTec 18</b>	
The detector is compliant with EN 50131-2-4- Security grade 2.	
Item no. F102TWIN18/V MW frequency 10.525GHz	
Item no. F102TW18/V-99 MW frequency 9.9GHz	
Item no. F102TW18/V-93 MW frequency 9.35GHz	
<b>TWINTec MASK 18</b>	
The detector is compliant with EN 50131-2-4- Security grade 3.	
Item no. F102TWINM18/V MW frequency 10.525GHz	
Item no. F102TWM18/V-99 MW frequency 9.9GHz	
Item no. F102TWM18/V-93 MW frequency 9.35GHz	

## SPECIFICATIONS

Detection features	Microwave frequency	10.525GHz*
	Sensitivity	Adjustable 3m...18m +/- 20%
	Infrared beams	29
	Levels (infrared beams)	4
	Max. range	18m
Detection logics	AND	IR + MW
	OR**	IR or MW
	WALK	IR + MW or MW + MW
	AND + RDV *	IR + MW with Doppler filter
	WALK + RDV *	MW + MW with Doppler filter
Coverage	IR	108°
	MW	72° horiz. - 36° vert.
Outputs	Alarm	NC - electronic relay
	Tamper	NC - micro-switch
	Mask**	NC - electronic relay
Inputs	Stby	Negative stand-by input
	Sync	Synchronization input
Anti-tamper protection	Anti-opening and anti-detachment	Micro-switch
	Antimasking**	Programmable

Functions	Self test	Automatic
	Temperature compensation	Automatic
Electrical specifications	Rated voltage	12V DC
	Operating voltage	9V...15V DC
	Consumption TWINTEC	Stand-by 17mA @ 12V DC
		Max. 25mA @ 12V DC
Consumption TWINTEC MASK	Stand-by 27mA @ 12V DC	
	Max. 30mA @ 12V DC	
Contact type	Programmable	NC - EOL resistor - DEOL resistor
Physical specifications	Environmental class	II
	Protection class	IP30-IPK02
	Casing	ABS
	Dimensions (L x H x D)	68 x 118 x 51mm
	Weight	160g
Operating temperature	-10°C...+55°C	
Conformity	Standards	EN 50131-2-4
	Security grade TWINTEC	2
	Security grade TWINTEC MASK	3
	Notified body	IMQ

\* Also available with the frequencies 9.9GHz and 9.35GHz (see table of models)

\*\* Only available with TWINTEC MASK