

	DUAL CURTAIN DETECTOR MICROWAVE + PIR AGATE SATEL	DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR GREY SATEL	DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR GREY-PLUS SATEL	DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR OPAL SATEL	DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR OPAL-GY SATEL	DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR OPAL-PLUS SATEL	DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR OPAL-PLUS-GY SATEL	DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR OPAL-PRO SATEL	DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR OPAL-PRO-GY SATEL	DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR SLIM-DUAL SATEL	DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR SLIM-DUAL-LUNA SATEL	DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR SLIM-DUAL-LUNA-PET SATEL	DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR SLIM-DUAL-PET SATEL	DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR SLIM-DUAL-PRO SATEL	DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR DM-325 PARADOX	DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR ISC-BDL-2-WP12GE BOSCH	DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR IX-AM-PLUS VIDICON	DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR IX-PLUS VIDICON	DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR IX-PRO VIDICON	OUTDOOR PIR AND MICROWAVE DUAL DETECTOR OD850 BOSCH	DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR PDM-KA12T Vanderhill	DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR PIR-CRT-MW VIDICON	DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR D70016A4 HONEYWELL	DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR DS-PD012-EG2 Hikvision	DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR SWAN-1009 CROW
																									
	88.66 EUR 88.66 EUR	32.79 EUR 32.79 EUR	34.49 EUR 34.49 EUR	93.04 EUR 93.04 EUR	93.04 EUR 93.04 EUR	113.44 EUR 113.44 EUR	113.44 EUR 113.44 EUR	122.91 EUR 122.91 EUR	122.91 EUR 122.91 EUR	34.49 EUR 34.49 EUR	44.94 EUR 44.94 EUR	46.64 EUR 46.64 EUR	36.19 EUR 36.19 EUR	69.23 EUR 69.23 EUR	36.19 EUR 36.19 EUR	50.23 EUR 50.23 EUR	29.10 EUR 29.10 EUR	22.85 EUR 22.85 EUR	24.05 EUR 24.05 EUR	173.94 EUR 173.94 EUR	87.01 EUR 87.01 EUR	32.85 EUR 32.85 EUR	78.82 EUR 78.82 EUR	44.21 EUR 44.21 EUR	32.63 EUR 32.63 EUR
Application	Outdoor	Indoor	Indoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Outdoor	Indoor / Outdoor	Indoor	Indoor	Indoor	Indoor
Pyroelectric sensor	Double	Double	Double	Double	Double	Double	Double	Double	Double	quadruple	Double	quadruple	quadruple	quadruple	Double	Double	Double	Double	Double	Double	Double	Double	Double	Double	quadruple
Sensor type	Passive Infra Red (PIR) and microwave (MW)	Passive Infra Red (PIR) and microwave (MW)	Passive Infra Red (PIR) and microwave (MW)	Passive Infra Red (PIR) and microwave (MW)	Passive Infra Red (PIR) and microwave (MW)	Passive Infra Red (PIR) and microwave (MW)	Passive Infra Red (PIR) and microwave (MW)	Passive Infra Red (PIR) and microwave (MW)	Passive Infra Red (PIR) and microwave (MW)	Passive Infra Red (PIR) and microwave (MW)	Passive Infra Red (PIR) and microwave (MW)	Passive Infra Red (PIR) and microwave (MW)	Passive Infra Red (PIR) and microwave (MW)	Passive Infra Red (PIR) and microwave (MW)	Passive Infra Red (PIR) and microwave (MW)	Passive Infra Red (PIR) and microwave (MW)	Passive Infra Red (PIR) and microwave (MW)	Passive Infra Red (PIR) and microwave (MW)	Passive Infra Red (PIR) and microwave (MW)	Passive Infra Red (PIR) and microwave (MW)	Passive Infra Red (PIR) and microwave (MW)	Passive Infra Red (PIR) and microwave (MW)	Passive Infra Red (PIR) and microwave (MW)	Passive Infra Red (PIR) and microwave (MW)	Passive Infra Red (PIR) and microwave (MW)
Alarm relay Form „A“	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Normally Closed (NC), supervised alarm contact opens on alarm	...	...	...	...
Alarm relay Form „C“	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Unsupervised, timed relay contact transfers on alarm and follows an installer programmable timer	...	...	...	...
Autodiagnosics	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	✓	...	...	...	✓	...	...	...	...
Range	max. 14 m	13 x 10 m	13 x 10 m	max. 12 x 15 m	max. 12 x 15 m	max. 12 x 15 m	max. 12 x 15 m	max. 12 x 15 m	max. 12 x 15 m	max. 15 x 20 m	max. 20 x 24 m	max. 12 x 13 m	max. 12 x 13 m	max. 20 x 24 m	max. 12 x 15 m	12 x 12 m	15 m	15 m	12 x 15 m	...	12 x 12 m	3.5 m	max. 16 x 22 m	• MW detector : 12 m, • PIR detector : 12 m	• 3 m @ 130 ° • 27 m @ 20 °
Detection angle	10 °	...	...	100 °	100 °	100 °	100 °	100 °	100 °	90 °	90 °	90 °	90 °	90 °	90 °	94 °	100 °	100 °	90 °	4 °	75 °	85.9 °	130 °		
Active IR Anti-Masking	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alarm outputs	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	NC	NC, EOL - Set with jumpers	NC, EOL - Set with jumpers	NC	(NO/C/NC) 28 V DC 0.1 A 10 Ω	...	...	...	Alarm output: N.C. 28V DC 0.1 A with 10 Ohm series protection resistor Tamper Switch: N.C. 28V DC 0.1 A with 10 Ohm series protection resistor	
Sensitivity adjustment	• PIR detector - By potentiometer • Microwave (MW) - By potentiometer	• PIR detector - By potentiometer • Microwave (MW) - By potentiometer	• PIR detector - By potentiometer • Microwave (MW) - By potentiometer	16-step - Control using the keys	16-step - Control using the keys	16-step - Control using the keys, Remote control	16-step - Control using the keys, Remote control	16-step - Control using the keys, Remote control	16-step - Control using the keys, Remote control	Separate, smooth sensitivity adjustment for each sensor	1 of 16 sensitivity levels can be set for each sensor	1 of 16 sensitivity levels can be set for each sensor	Separate, smooth sensitivity adjustment for each sensor	Separate, smooth sensitivity adjustment for each sensor	By potentiometer - Microwave (MW)	By potentiometer - Microwave (MW)	✓	✓	✓	...	6-step	✓	Smooth adjustment of MW sensitivity sensor using a potentiometer	Automatic / Set with jumpers	...
Prealarm feature	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tamper	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	N.C. (with cover on). Contacts rated max. 125 mA at max. DC 25V	...	...	...	...	
Alarm output	• NC ₁	...	...	NC	NC	NC	NC	NC	NC	NC, 2EOL / NC - Set with jumpers	NC, 2EOL / NC - Set with jumpers	NC, 2EOL / NC - Set with jumpers	NC, 2EOL / NC - Set with jumpers	NC, 2EOL / NC - Set with jumpers	NO/NC	...	...	...	...	NC	...	NC, EOL/NC, 2EOL/NC	...		
Tamper output	...	...	...	NC	NC	NC	NC	NC	NC	✓	✓	✓	✓	✓	NC	...	...	...	...	Two switches: N.C. DC 28V 0.1A with 10 Ω with protection resistor - Open when cover is removed from detector's base	...	...	✓	✓	
Recommended installation height	2.4 m	...	...	2.4 m	2.4 m	2.4 m	2.4 m	2.4 m	2.4 m	2.4 m	2.4 m	2.4 m	2.4 m	2.4 m	2.1 ... 2.7 m	...	...	...	...	...	2.1 ... 2.7 m	1.8 ... 2.4 m	1.5 m ... 3.1 m		
LED indication	• 4 s Green - MW detector • 2 s Red - Alarm signaling • 4 s Blue - PIR detector	...	...	• 4 s Green - MW detector • 2 s Red - Alarm signaling • 4 s Yellow - PIR detector	• 4 s Green - MW detector • 2 s Red - Alarm signaling • 4 s Yellow - PIR detector	• 4 s Green - MW detector • 2 s Red - Alarm signaling • 4 s Yellow - PIR detector	• 4 s Green - MW detector • 2 s Red - Alarm signaling • 4 s Yellow - PIR detector	• 4 s Green - MW detector • 2 s Red - Alarm signaling • 4 s Yellow - PIR detector	• 4 s Green - MW detector • 2 s Red - Alarm signaling • 4 s Yellow - PIR detector	Remote on/off of the LED indicator and choice of lighting color from 4 colors	Remote on/off of the LED indicator and choice of lighting color from 7 colors	Remote on/off of the LED indicator and choice of lighting color from 7 colors	Remote on/off of the LED indicator and choice of lighting color from 4 colors	Remote on/off of the LED indicator and choice of lighting color (7 colors available)	• 0.5 s Green - MW detector • 0.5 s Yellow - PIR detector • 4 s Red - Alarm signaling • Blue - Masking of the lens detection	...	...	...	...	LEDs indicating device operation state	• Orange - MW detector • Blue - Alarm signaling • Green - PIR detector	• Yellow LED blinking during warm up period • red LED: ON - alarm is active • green LED: PIR detection • yellow LED: MW detection			
Alarm time	2 s	2 s	2 s	2 s	2 s	2 s	2 s	2 s	2 s	2 s	2 s	2 s	2 s	2 s	4 s	...	...	...	...	...	2 s	3 s	2 s ± 1 s		
Microwave frequency band	24.125 GHz	24 GHz	24 GHz	24 GHz	24 GHz	24 GHz	24 GHz	24 GHz	24 GHz	24.125 GHz	24.125 GHz	24.125 GHz	24.125 GHz	24.125 GHz	10.525 GHz	...	...	...	...	10.525 GHz	10.525 GHz	...	10.525 GHz	24.15 GHz ... 24.25 GHz	
"Index of Protection"	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
IK rating	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Pet immunity	...	≤ 15 kg	≤ 15 kg	≤ 20 kg	≤ 20 kg	≤ 20 kg	≤ 20 kg	≤ 20 kg	≤ 20 kg	...	...	≤ 20 kg	≤ 20 kg	...	...	≤ 45 kg	≤ 20 kg	≤ 20 kg	≤ 25 kg / ≤ 50 cm	...	...	...	10 kg (within the zone up to 10m)		
Antimask feature	Active IR Anti-Masking	...	✓	✓	✓	✓	✓	Active IR Anti-Masking	Active IR Anti-Masking	...	...	...	✓	✓	✓	...	✓	✓	✓	...	...	✓	...	...	
Maximal outputs load	...	40 mA / 16 V DC	40 mA / 16 V DC	40 mA / 16 V DC	40 mA / 16 V DC	• 40 mA / 16 V DC - Relay output • 50 mA / 12 V DC - Day/night mode, OC	• 40 mA / 16 V DC - Relay output • 50 mA / 12 V DC - Day/night mode, OC	• 40 mA / 16 V DC - Relay output • 50 mA / 12 V DC - Day/night mode, OC	• 40 mA / 16 V DC - Relay output • 50 mA / 12 V DC - Day/night mode, OC	• 40 mA / 24 V DC - Relay output • 100 mA / 30 V DC - Tamper, NC	• 40 mA / 24 V DC - Relay output • 40 mA / 24 V DC - Tamper, NC	• 40 mA / 24 V DC - Relay output • 100 mA / 30 V DC - Tamper, NC	• 40 mA / 24 V DC - Relay output • 100 mA / 30 V DC - Tamper, NC	• 40 mA / 24 V DC - Relay output • 100 mA / 30 V DC - Tamper, NC	150 mA / 28 V DC	25 V DC / 0.1 A	...	16 V DC / 0.1 A	3 W resistance load max. 125 mA at max. 25 V DC and protection with resistor 4.7 Ω 1.2 V in the common "C" leg of the relay. To be connected to a SELV (Safety Extra-Low Voltage) circuit only	100 mA / 30 V DC	60 V DC / 0.1 A	30 mA / 25 V DC	...		
Environmental class EN 50130-5	IIla	...	...	IIla	IIla	IIla	IIla	IIla	IIla	II	II	II	II	II	...	...	...	...	...	...	...	II	...	...	
Permissible relative humidity	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	< 95 % RH (non-condensing)	...	...	...	...	
Digital temperature compensation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	...	✓	...	✓	...	
Environment class	EN 50131-2-4, Grade 3 3	...	...	EN50131-2-2 Grade 2	EN50131-2-2 Grade 2	EN50131-2-2 Grade 2	EN50131-2-2 Grade 2	EN 50131-2-4, Grade 3	EN 50131-2-4, Grade 3	EN50131-2-2 Grade 2	EN 50131-2-4 Grade 2	EN 50131-2-4 Grade 2	EN 50131-2-4, Grade 3	...	...	EN 50131-2-4 Grade 2	EN 50131-2-4 Grade 3	EN 50131-2-4 Grade 2	EN 50131-2-4 Grade 2	...	EN 50131-2-4 Grade 3	Grade 2	...		
Protection class (Grade)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Maximal current consumption	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9 mA	56 mA	32 mA	20 mA	...	18 mA / 28 mA (alarm)	...	...	...	
Target speed range	0.3 ... 3 m/s	0.3 ... 3 m/s	0.3 ... 3 m/s	0.3 ... 3 m/s	0.3 ... 3 m/s	0.3 ... 3 m/s	0.3 ... 3 m/s	0.3 ... 3 m/s	0.3 ... 3 m/s	0.3 ... 3 m/s	0.3 ... 3 m/s	0.3 ... 3 m/s	0.3 ... 3 m/s	0.2 ... 3 m/s	0.2 ... 3.5 m/s	...	...	...	...	0.1 ... 4 m/s	...	0.3 ... 2.0 m/s			
Country of origin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Canada	...	...	...	...	...	...	...	...	...	
Power supply	12 V DC / 25 mA	12 V DC / 17 mA	12 V DC / 18 mA	12 V DC / 20 mA	12 V DC / 20 mA	12 V DC / 20 mA	12 V DC / 20 mA	12 V DC / 20 mA	12 V DC / 20 mA	12 V DC / 25 mA	12 V DC / 100 mA (max)	12 V DC / 100 mA (max)	12 V DC / 25 mA	12 V DC / 85 mA (max)	10 V ... 16 V DC / 30 mA	9 ... 15 V DC	9 ... 15 V DC	9 ... 15 V DC	9 ... 15 V DC	10 ... 16 V DC	10 V ... 15 V max. 62 mA Operation 22 mA Standby	9 V ... 16 V DC / 10.5 mA (max)	9.5 ... 15 V DC	9 ... 16 V DC / 17 mA @ 12 V (max)	
Operation temp	-40 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-40 °C ... 55 °C	-40 °C ... 55 °C	-40 °C ... 55 °C	-40 °C ... 55 °C	-40 °C ... 55 °C	-40 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-20 °C ... 50 °C	-10 ... 55 °C	-20 ... 50 °C	-20 ... 40 °C	-10 ... 40 °C	-35 °C ... 60 °C	-10 °C ... 55 °C	-10 ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	
Color	White	...	...	White	Gray	White	Gray	White	Gray	White	White	White	White	White	White</										

