

# Smile

EN 50131-2-2 / GRADE 2



Pet Immunity

**BRACKET SN2**  
(wall bracket)



**BRACKET SN4**  
(wall / ceiling bracket)



## Smile19 - Smile19/P

EN 50131-2-2 / GRADE 2

Digital PIR

PET IMMUNE up to 15 kg (Smile 19/P)

## Smile20 - Smile20/P

EN 50131-2-2 / GRADE 2

Digital PIR with internal EOL resistors

PET IMMUNE up to 15 kg (Smile 20/P)

## Smile21 - Smile21/P

CONFORM TO EN 50131

Digital PIR

Automatic system for coverage regulation

PET IMMUNE up to 15 kg (Smile 21/P)

## Smile22 - Smile22/P

CONFORM TO EN 50131

Digital PIR with internal EOL resistors

Automatic system for coverage regulation

PET IMMUNE up to 15 kg (Smile 22/P)

**10 YEARS**  
warranty



Detectors with an analysis system that takes into account the two most important changes that may occur during a movement: the speed and the intensity. With the simultaneous comparison of these two information, the detectors are able to discriminate repetitive movements from intrusion, lowering the percentage of false alarms. With high thermal variations, the totally digital temperature compensation system, guarantees a great performance. They have 15 mt coverage, with angle of 90°. With the special lens are equipped of creep zone. **Available colours:** white

| Technical Features         |                        |                        |                        |                        |
|----------------------------|------------------------|------------------------|------------------------|------------------------|
|                            | SMILE 19<br>SMILE 19/P | SMILE 20<br>SMILE 20/P | SMILE 21<br>SMILE 21/P | SMILE 22<br>SMILE 22/P |
| EN 50131-2-2 / GRADE 2     | YES                    | YES                    | conform                | conform                |
| RANGE                      | 15 mt                  | 15 mt                  | 15 mt                  | 15 mt                  |
| ANGLE                      | 90°                    | 90°                    | 90°                    | 90°                    |
| ALARM TIME                 | 2''                    | 2''                    | 2''                    | 2''                    |
| WALK TEST'S LED            | YES                    | YES                    | YES                    | YES                    |
| SOLID STATE RELAY          | YES                    | YES                    | YES                    | YES                    |
| RELAY ALARM / RELAY TAMPER | 1                      | 1                      | 2                      | 2                      |
| INTERNAL EOL RESISTORS     | -                      | 1K, 2k2, 4k7, 5k6, 8k2 | -                      | 1K, 2k2, 4k7, 5k6, 8k2 |
| CREEP ZONE                 | YES                    | YES                    | YES                    | YES                    |
| ANTIOPENING TAMPER         | YES                    | YES                    | YES                    | YES                    |
| PULSE COUNTER              | YES                    | YES                    | YES                    | YES                    |
| RFI PROTECTION             | 30 V/m                 | 30 V/m                 | 30 V/m                 | 30 V/m                 |
| TEMPERATURE COMPENSATION   | YES                    | YES                    | YES                    | YES                    |
| DIGITAL ANALYSIS           | YES                    | YES                    | YES                    | YES                    |
| BRACKET AVAILABLE          | YES                    | YES                    | YES                    | YES                    |
| POWER SUPPLY               | 13.8 Vdc               | 13.8 Vdc               | 13.8 Vdc               | 13.8 Vdc               |
| CONSUMPTION                | 12 mA                  | 12 mA                  | 12 mA                  | 12 mA                  |
| HOUSING                    | ABS                    | ABS                    | ABS                    | ABS                    |
| PET IMMUNITY               | Smile 19/P             | Smile 20/P             | Smile 21/P             | Smile 22/P             |
| OPERATING TEMPERATURE      | from -10°C to +40°C    |                        |                        |                        |
| DIMENSIONS                 | 110 x 60 x 46 mm       |                        |                        |                        |