

FALCON

Functional features:
detects and
discriminates
parallel traffic of
pedestrians and
vehicles, preventing
the door from



FRONTAL



PARALLEL

**Discriminates
pedestrians from
vehicles regardless
of their speed**



TECHNICAL DATA

- Technology: Microwave and microprocessor
- Transmitter frequency: 24.125 GHz
- Transmitter power: <20 dBm EIRP
- Transmitter power density: <5mW/cm²
- Angle of inclination: from 0° to 180° in elevation
- **Mounting height: 3.5 to 7 m**
- **Minimum detection speed: 5 cm/s** (in the sensor axis)
- Detection zone (typical): 4 m (W) x 5 m (D) (installation height 5 m)
- Detection mode: movement
- Supply voltage: 12V to 24V AC +/- 10%, 12V to 24V DC +30% / -10%
- Power consumption: < 2W
- Output relay: potential-free contact
- Max. voltage at contacts: 42V AC/DC
- Max. current at contacts: 1A (resistive)
- Max. switching power: 30W (DC) / 60 VA (AC)
- Manual adjustment: orientation of detection field (mechanical) / Multiple functions (via buttons)
- Temperature range: -30°C to +60°C
- Product compliance: R&TTE-1999/5/EC, EMC-89/336/EEC
- Dimensions: 127mm (D) x 102mm (W) x 96mm (H)
- Housing: black ABS and polycarbonate
- Aluminium bracket: black anodised
- Cable length: 10 m

Microwave sensors for doors and gates opening industrial

FALCON

APE - 790 / 0028



Installation height: **3,5 ÷ 7m**
Protection degree: **IP65**



Installation
height from **3.5
to 7 metres**



FALCON-XL

APE - 790 / 0029



Installation height: **2 ÷ 3.5 m**
Protection degree: **IP65**