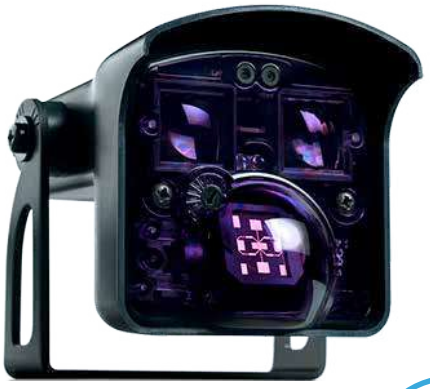
CONDOR

CONDOR is a presence and motion sensor for industrial doors, which integrates a microwave motion detector and an active infrared presence sensor into a single product.
Active infrared technology detects any vehicle or object stationary near the door.



Dual technology

ENERGY SAVING

IP65 protection

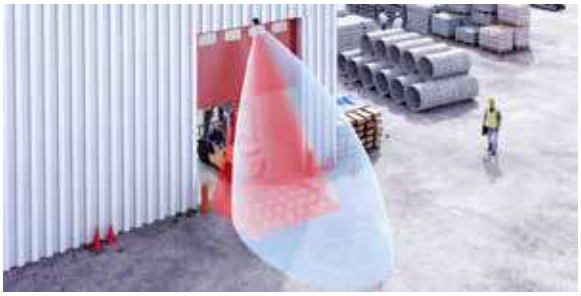
The dual technology of microwaves (motion) and active infrared (presence) is an excellent alternative to magnetic loops: door opening and surveillance of the area in front of the door. It filters parallel traffic, pedestrians and any interference and is easy to install.

adjustment/programming options
via CRTL and SPOTFINDER remote control

see page A53

Designed for industrial environments
IP65, robust housing and solution against vibrations and environmental interference.

Reliable and accurate
The planar antenna allows for accurate discrimination between pedestrians and vehicles and does not detect parallel traffic.



Energy saving
Presence detection reduces the use of the door timer, allowing energy savings proportional to the number of opening cycles.

TECHNICAL DATA

Mounting height	**3,5 - 6 m**
Power supply voltage	12V a 24V AC ±10%; 12V a 24V DC +10% / -3%
Mains frequency	50 - 60 Hz
Power consumption	< 3,5 W/VA
Output	n.2 relays with potential-free switching contact
Operating temperature	-30° C, +60°C (0-95% relative humidity, non-condensing)

Technology	**Doppler radar Microwave**	**Active infrared**
Detection mode	Movement	Movement and presence
Emitted frequency/ wavelength	24.150 GHz	875 Nm
Power density emitted	< 5 mW/cm 2	< 250 mW/m2
Detection range	4 x 5 mt	4x4 mt (emission points)*
Minimum detection speed	5 cm/sec	5 cm/sec to activate a detection
Reaction time	100 ms	250 ms
Inclination angle	- 8° / 22° (el. to the front panel)	15° / 45°

Compliant with regulations	EN 300 440-2 V1.4.1, EN 301 489-1 V1.9.2, EN 301 489-3 V1.6.1, EN 62311, EN 62479

** area detected with the SPOTFINDER, slightly larger than the detection range*

APE - 790 / 28DT
Sensor CONDOR