



Sensors for pedestrian doors/ Dual-technology sensor for automatic sliding doors (opening and safety)

DUALSENSE D



DUALSENSE D is the simple solution for activating and safeguarding **automatic sliding door systems for internal and external use**, in compliance with EN 16005.

The sophisticated operating concept with intuitive menu navigation and a large display makes installation quick and easy. The sensor's configuration options also include functions for optimizing the building's energy efficiency.

Double
technology



EN16005



DUALSENSE D

Radar module (activation)

The radar module is adjustable to adapt to the environment and reduce disturbances, avoiding unwanted openings and optimizing energy consumption. DualSense D offers various radar outputs as standard, which can be used to set up a door system for escape and rescue routes.

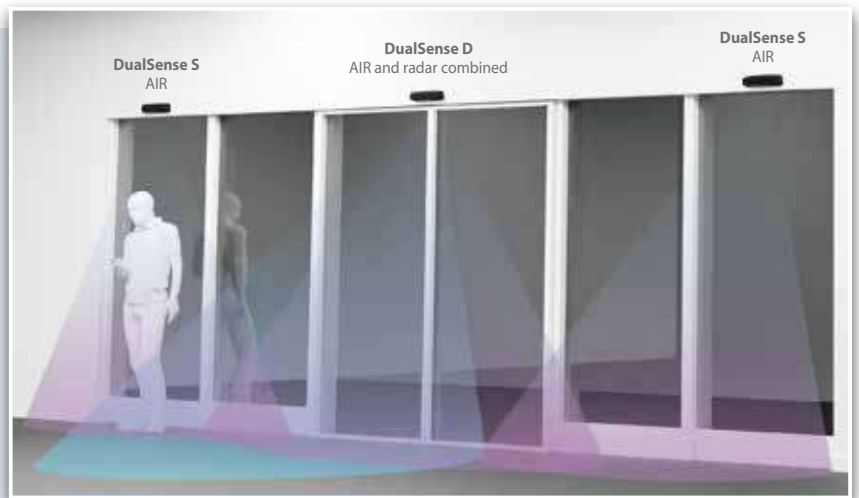
AIR module (protection)

In the DualSense D, the AIR module ensures door closing edge protection thanks to a field adjustable in size and alignment. The sensor's sensitivity and learning time can be adapted to the installation conditions and needs of specific environments.



Smart solution for escape and rescue routes

For safe automatic doors in the event of fire: **DUALSENSE D** offers a frequency output and a voltage output for the radar as standard and is suitable for escape and rescue routes.



- **DUALSENSE D Technology**: active infrared (AIR) + RADAR
- **RADAR** - Field dimensions: max. 4 x 2 m / min. 1,9 x 1 m
- **Transmission frequency**: 24,2 GHz
- **Transmission power**: < 13 dBm
- **Performance level radar**: PLd, cat. 2 (EN ISO 13849-1)
- **AIR** - Field dimensions: max. 2 x 0,20 m
- **Number of spots**: 2 rows of 12 spots each
- **Performance level**: PLd, cat. 2 (EN ISO 13849-1)
- **Housing material**: ABS / PA black color
- **Supply Voltage**: 11,5÷32 V CC
- **Current max.**: 120 mA @ 24 V
- **Inrush current**: 240 mA
- **Output**: AIR/RADAR: solid state relay, max. 34 V CC / 24 V CA, max. 40 mA
- **Connection type**: 3 m cable with plug connector
- **Installation height**: 1,8÷4,0 m
- **Operating temperature**: -20 °C, +60 °C
- **Degree of Protection**: IP54
- **Ambient humidity**: max. 95% relative, non-condensing
- **Dimensions**: (L x L x P) 252 x 61 x 51 mm
- **Conformity**: MD 2006/42/CE, RED 2014/53/UE, RoHS 2011/65/UE

DUALSENSE S

The DUALSENSE S sensor is available with single AIR (safety) technology for people's safety > see page A108

APE - 791 / 461072



DUALSENSE D Sensor

Accessories

APE - 791 / 471013



Rain cover

APE - 791 / 473345



Ceiling Integration Set IP65