# RaCon-D: Smart Radar Motion Sensor for Automatic Doors

## A Technology Concept Created for Demanding Applications

**The RaCon-D radar motion sensor from Pepperl+Fuchs offers the perfect combination of reliability, cost-effectiveness, and flexibility for the operation of automatic doors. A wide range of standard and premium functions enables optimal adaptation to individual application requirements. Setting via the Bluetooth® app also ensures convenient operation.**

The innovative sensor technology of the RaCon-D has been specially designed for demanding applications in the field of door automation. Direction detection and immunity of the sensor ensure reliable operation even under difficult ambient conditions. Furthermore, cross-traffic suppression allows safe operation in entrance areas with a high volume of people, such as train stations and airports. In hospitals or care facilities, however, it is crucial to also reliably detect very slow movements to ensure barrier-free access at the pace of each individual. The RaCon-D has a slow-motion function for perfect adaptation to these requirements. It is also possible to set the hold time manually. The perfect interaction of these functions enables an optimized flow of people and precisely coordinated door openings, saving energy and costs. When operating double swing doors, "swing door suppression" ensures that the closing door is ignored. This means that an additional sensor that was previously required can be dispensed with, reducing the number of devices needed by a third. The RaCon-D-BLE also offers an innovative Bluetooth function for convenient remote access with a mobile end device.

|  |  |
| --- | --- |
|  | |
| **Caption** | Swing door suppression for double swing doors |
| **Download-URL**  <https://myconvento.com/public/get_file.php?id=enc2_VTJ4aUt6YzNNVE5LVTBNMVdtcE9iMEpMSzBaVlVUMDk&download=1> | |

|  |  |
| --- | --- |
|  | |
| **Caption** | Slow-motion function and automatic hold time |
| **Download-URL**  <https://myconvento.com/public/get_file.php?id=enc2_VVhOUGVIcDFMMHhXZW1SaVdqSkVOREpoVkhJMFp6MDk&download=1> | |

|  |  |
| --- | --- |
|  | |
| **Caption** | RaCon-D and RaCon-D-BLE radar motion sensors |
| **Download-URL**  <https://myconvento.com/public/get_file.php?id=enc2_ZEdKdllWRnVNMEpIY2pOckwwRTJSU3RwTTBOSVp6MDk&download=1> | |

|  |  |
| --- | --- |
| **Author** | Frau Bode |
| **Key word** | Radar motion sensor, automatic door, swing door suppression, direction detection, hold time control, cross-traffic suppression, slow-motion function, Bluetooth |
| **characters** | 1201 including spaces |
| **characters in summary** | 352 including spaces |
| **Type** | Press release press kit |
|  |  |
|  |  |

**Press contact:**

|  |  |
| --- | --- |
| **Irmtraud Schmitt**  Referentin Öffentlichkeitsarbeit  Pepperl+Fuchs SE  Lilienthalstraße 200  68307 Mannheim, Germany  Tel: +49 (621) 776-1215  ischmitt@de.pepperl-fuchs.com | **Annette Kern**  Presse  Pepperl+Fuchs SE  Lilienthalstraße 200  68307 Mannheim, Germany  Tel: +49 (621) 776-1388  [akern@de.pepperl-fuchs.com](mailto:akern@de.pepperl-fuchs.com) |

[**https://www.pepperl-fuchs.com/**](https://www.pepperl-fuchs.com/)

Zur honorarfreien Verwendung für Redaktionen.