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| **Overview**   * The measuring Radar MultiView RMV with broad vision range is the ideal sensor to reduce energy costs, because it assesses and determines the perfect opening time and duration of a swing door by evaluating a total of 5 parameters (movement, direction, speed, distance and angle) * Under these conditions, the demand-driven opening of the door leads to energy savings in winter as well as in summer, which is reflected in significant cost savings and a positive impact on the carbon footprint. Another non-negligible aspect is the minimization of wear and tear, and the reduction in the door's maintenance cycles * The measuring Radar MultiView RMV has a detection area of 10m x 10m, in which there is a fixed or definable activation area, allowing the operational function to be optimally adjusted to the actual conditions. In a defined third area, the near area in front of a single-leaf or double-leaf door, the door is always opened immediately without evaluating the 5 RMV parameters or the cross-traffic * The cross-traffic suppression is one of the absolute strengths of the measuring Radar MultiView RMV * The measuring Radar MultiView therefore fits ideally for all types of door applications and is particularly suitable for the retrofit business as it has a relay with changeover contact * The measuring Radar MultiView RMV has several stored application concepts with the focus on cross-traffic suppression and adjustable activation areas. Depending on the actual situation, one of the applications can be selected to achieve the best possible effect for door operation * In addition, customized activation areas can also be defined in the Radar MultiView RMV for complex door situations |

**The most effective use of automatic swing doors to save energy costs**

**Automatic doors are an integral part of modern building technology. Sensor solutions used in this area must meet very high demands. The radar technologies from Sensotek set the standards here. The latest measuring radar sensor, MultiView RMV, combines maximum opening competence with superb flexibility and a perfect mounting concept, making it ideal for the retrofit business. As a radar sensor, the Radar MultiView RMV scans the areas directly in front of or behind the swing door over a wide area and opens doors up to a door height of 4.0 m as required. The universally applicable radar ensures safe, optimized detection in any situation, thanks to intelligent evaluation of the field of view until the door is fully open. The convenient housing mechanics enable fast installation, and commissioning is no longer associated with any great effort thanks to universal factory parameter settings**

The Radar MultiView RMV from Sensotek operates according to a specific modulation method that enables the assessment of motion sequences in front of the door area based on the five detection variables of movement, direction, speed, distance, and angle detection. This applies to dynamic processes from different directions. The Radar MultiView RMV offers one continuous detection field per door side. If one or more persons are detected in this radar field of view, the ideal door opening time and duration are calculated immediately. Cross or parallel traffic is faded out precisely and reliably due to angle detection.

For the perfect operation of automatic doors, it is crucial that persons and objects in the vicinity of the door are detected quickly and reliably.

The following advantages derive from this fact:

* **Dynamic use:** There's a direct advantage for the door users, who can pass slowly or quickly according to their wishes.
* **Energy saving:** The operator also benefits by being able to keep the building's energy loss to a minimum by keeping the door open only as long as necessary.
* **Retrofit business:** The Radar MultiView RMV is the ideal solution for operators of existing installations to benefit from the cost savings, as it is compatible with almost all existing radar sensors.
* **Easy installation:** The concept of the Radar MultiView follows the principle of observation and triggers an opening impulse to the door only when it is clear that someone really wants to pass through. Due to the device's inherently intelligent design, there are virtually no parameters to adjust after mechanical assembly, except for individual restrictions on site. Installation is therefore mainly reduced to simply mounting the MultiView RMV on the hinge side above the door.
* **Three independent functional areas:** The detection area is the largest area, as it describes what the radar sees. In the activation area, which is smaller or equal to the detection area, the intelligent decisions for the ideal opening of the door are made. Directly in front of the door there is the near range, defined by the manufacturer, which leads to the immediate opening of the door when entering.
* **Cross-traffic suppression:** The vector-guided object view suppresses all cross-traffic running parallel to the RMV.
* **Secure installation:** Once the unit is mounted, there is usually nothing more to adjust after switching the power on. Thus, there is no need to constantly climb the ladder to set anything else.
* **Quick installation:** This concept of secure installation is at the same time quick and done in only a few steps, if necessary at all.

**Sensotek. Intelligent Sensor Solutions**

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| **Bildunterschrift** | Product picture the measuring Radar MutliView RMV |
| **Download-URL**  <https://myconvento.com/public/get_file.php?id=enc2_V0VrMFVVdExTbWczWmtKWE0xbEdabXhKYzJJeFFUMDk&download=1> | |

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| **Bildunterschrift** | The Radar MultiView RMV integrates inconspicuously into modern door designs as well as into existing installations thanks to its attractive slim design |
| **Download-URL**  <https://myconvento.com/public/get_file.php?id=enc2_ZUVnNGQxcHBhRTlrZVhnMmVGRklNRlpRUzJReFp6MDk&download=1> | |

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