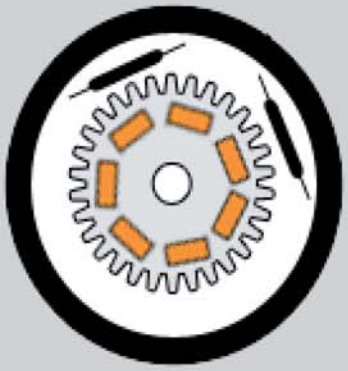
Solar plant
Tracking

If solar panels could absorb all the energy that the sun releases in two minutes, they could provide the entire population on earth with electricity for one year. This, of course is unrealistic, therefore it is important to maximise the efficiency of photovoltaic and solar thermal systems. The orientation of the panels plays a central role in optimising the efficiency of the system.

As a simple rule of thumb: the most solar energy is obtained when the solar collectors are constantly at right angles to the sun. Therefore, the optimum position varies during the day and by season. With the help of an intelligent control system utilising reed technology to regulate positions and angles, the solar panels are always perfectly aligned.

Ideal for this application are MEDER Reed sensors. These are hermetically sealed to withstand harsh environments, such as heat, dust, rain and ice. Moreover, they can achieve over one billion reliable switching cycles using a permanent magnet and they do so without power consumption. These products are tailored to meet customer's requirements for different magnetic sensitivities and mounting options.



3 Good Reasons:

No power consumption
Long life expectancy
Hermetically sealed

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