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PIC Proximity Instrumentation Controls Kontaktbauelemente GmbH or shorter: PIC is a globally operating medium-sized company based in the Nuremberg area. It is also the heart of the PIC Group of companies. With our own production facility in China and Turkey and our sales offices in Asia and Europe we are able to ensure the highest production quality, close relationships with our customers and the possibility to develop specific solutions very quickly and efficiently. We have been one of the leading suppliers for Reed Sensor Technology for more than 40 years. High technical competencies, our long time experience and the ability to innovatively implement our customers needs make us the ideal partner for the white goods, home appliances, automotive, medical and measure-and-control industry.

PRODUCTS

Reed Switches The Reed Switch, also known as Reed Contact or Magnetic Contact, is the ideal component for non-touch switching. It is most economic, handling loads from zero load up to 250 W in a wide range of applications. **SMD Reed Switches** SMD Reed Switches are the cost-effective solution for automated PCB assembly, available in tape & reel packaging. Choose from over 20 models and three contact forms! Of course, we also offer our SMD reed switches already

assembled on individually printed circuit boards - according to your specifications.

Our Reed Chains enable individual level sensing solutions.

Reed Sensors A Reed Sensor contains a Reed Switch which is firmly encapsulated in a metal or plastic housing; for better mechanical protection and easier assembly.

Numerous housing variants are available, individual housings according to customer requirements are possible. Matching housed actuating magnets are also available!

Hall Sensors In rare cases, certain applications require higher switching frequencies and therefore longer lifetimes than normal Reed Sensor or Reed Switch solutions can cover. For this reason, we have developed a series of Hall Sensors in cooperation with a well-known Hall chip manufacturer. Of course, like all PIC sensor solutions, they can be modified to meet your specific requirements regarding housing, cabling, connection and more.

Magnets

Matching magnets for our Reed Sensors - easy to install, tested quality and function!

Level Sensors

Level Sensors are also known as "Float Switches". We use this term to describe Reed Sensors for level monitoring where the magnet (in a float) is installed together with the Sensor to form one unit. These are available as normally open (Form A) and normally closed (Form B) depending on the version. Customer-specific dimensions and several switching points can also be realised. Customized Products Depending on your application and the degree of specialisation, customer-specific products are the most sensible individualisation of our standard products. Customer-specific modifications include the choice of cable length and colour, the attachment of terminals or connectors, the use of special materials (e.g. for a higher temperature range) or the complete design and manufacture of individual Sensor housings. We also offer Reed Switches bent and/or cut to customer

specifications - the safe way to obtain a reliable switching element!

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