WHERE A BROAD STANDARD PROGRAM ENSURES COST EFFICIENCY AND FUNCTIONAL EFFECTIVENESS.

**Snap-action switch 1050**
- Versions with large overtravel
- Also available with increased difference travel
- Optional mushroom-shaped push-button
- Rating up to 10 (1.5) A 250 V AC

**Rocker switch 1800 / 1881**
- Dust and water protection IP 51
- Rating up to 8 (8) A 250 V AC; 15 A as per UL
- Protection against water overflow (VDE 700 part 15)
- Low depth

**Rocker switch 1930**
- Non-detachable 2-component sealing
- Dust and water protection IP 65
- Different switching functions available
- Designs for DC and 400 V AC available

**Push-button switch 1680 / 1683**
- Extremely high motor rating up to (16) A 250 V AC
- Behind PCB designs available
- Tinned PCB terminals
- Dust and water protection IP 67
BECAUSE INDIVIDUAL SOLUTIONS REQUIRE SPECIAL EXPERIENCE.

Control and regulating electronics
- Customer-specific electronics
- For AC and DC motors
- With and without electronic commutation

Pressure sensor 2066
- Analog output signal
- Robust and simple design
- Linear measuring range 0 – 4.5 bar / 450 kPa / 65 psi
- Plug-in and screw-type flange versions

Pressure sensor SINUS
- Different measuring ranges (0-0.03 bar / 0-0.2 bar)
- Customer-specific programmable characteristics
- Three programmable switching outputs

Customer-specific adaptations
- Designs adapted as per the corresponding installation on the basis of our comprehensive standard switch program

Control panels
- With and without electronics
BECAUSE INNOVATIVE DRIVE TECHNOLOGY REQUIRES RELIABLE COMPONENTS.

Snap-action switch 1022/1055
- Slim and compact designs
- Dust and water protection IP 67
- Large overtravel
- Designs with ENEC approval permit for 250 V AC

Snap-action switch 1045/1050
- Dust and water protection IP 67
- Designs with internal separating aid
- Rating up to 10 (3) A 250 V AC
- Versions for DC signal currents

Rocker switch 1830/1930
- Designs with dust and water protection IP 65
- Multiple switching functions available
- Design variations available
- High rating spectrum

Micro-signal switch 1065
- Noiseless switching system
- Redundant contacting
- Diagnosis capable design versions available
- Design with middle position (3 different switching states)
- Dust and water protection IP 67
The market for cleaning and drive technology makes the highest demands on the flexibility, technical competence and competitive ability of its suppliers. In order to meet these high and varied demands, Marquardt maintains an extensive program of standard switches, which is supplemented and constantly extended with a number of new developments. At the same time, we develop tailor-made solutions together with our customers, ranging from innovative sensors to control panels right up to complex control and regulating electronics.

Our products are the result of a decade-long dialog with our customers and include the expectations of end users with respect to the functionality and high-value appeal. Our motivation and work is based on the joy of creating solutions for our customers and 85 years of experience.

The Switche, Sensors & Controls division develops, produces and sells its products in a number of industries and applications. Apart from industrial applications, our products are used in power tools, household appliances, cleaning systems, drive technology, heating and air-conditioning technology as well as off-road vehicles. We have the necessary technical know-how, innovative strength, long-term experience and comprehensive manufacturing expertise required in these fields.

This yields innovative and reliable products that feature promising designs tuned to individual requirements. Our products range from the standard switch to complex customer-specific systems. They are suitable for small-scale and large-scale production. With distinct production engineering, worldwide manufacturing options, high quality standards and durability of our products, we achieve customer satisfaction and thereby ensure our competitive ability.

These customer- and market-specific solutions have made Marquardt a strong partner of the power tool and electrical industry as well as a technology leader. We are at your service in all the international markets.