

SEALED CONNECTOR SWITCH

SERIES 1025



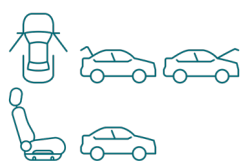
Fastening, Contacting and Sealing
All-in-One

IP 67 Protection
with Sealed Connection for application

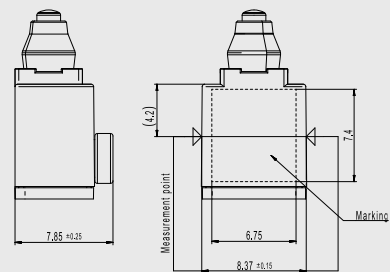
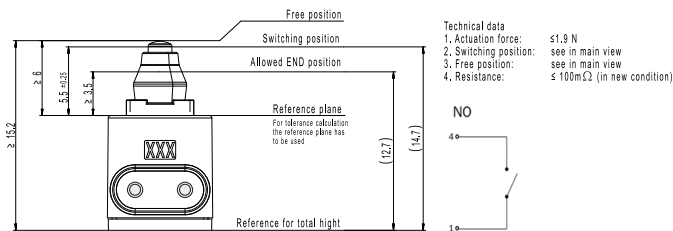
INNOVATIVE, SEALED CONNECTOR SWITCH IN A COMPACT DESIGN

The new Marquardt Sealed Connector Switch is a highly innovative and cost-efficient solution for various automotive and specialty applications. A compact design allows an easy integration in latches, seats or other implementations, ideally combined in an Electronic Component Carrier.

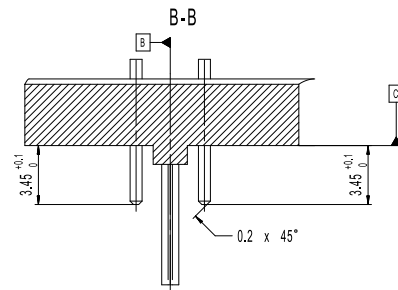
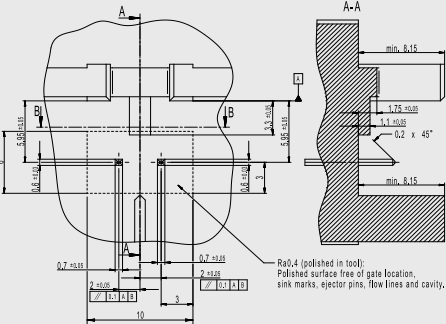
FEATURES



- Innovative contact seal
- Compact size with 50% smaller than standard versions
- Dust and water protection with sealed connection (IP 67)
- Easy assembly, interface allows easy integration
- Long lifetime with 200,000 switching cycles at 5-14 V DC, 20 mA (NC / NO)
- Bundling of switch and ECC
- Optionally with diagnostics



PIN interface specification

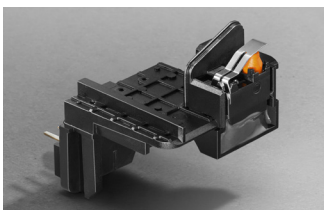


TECHNICAL DATA

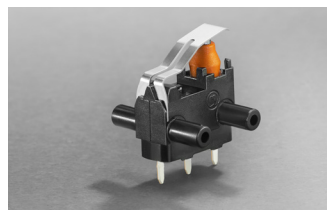
Dimensions	15,15 mm x 8,45 mm x 7,04 mm without sealing 15,15 mm x 8,45 mm x 7,85 mm with pressed sealing
Switching current	1 mA ... 20 mA
Switching voltage	5 V ... 14 V (Jumpstart 24 V (30 V))
Contact resistance (new condition) / Contact resistance (after lifetime)	100 mΩ / < 1 Ω
Life endurance	14 V DC, 10 mA > 200,000 cycles
Actuating force	< 1,9 N
Overtravel	>= 1,8 mm (nominal 2,0 mm)
Operation	< 40 ° (depending on material of the friction partners; operating speed and angle have an impact on the operating forces and lifetime)
Contact pins	Comparable to Action Pin 0.6 x 0.7 mm tin-plated
Protection type	IP 67 with sealed connection when assembled to interface
Operating temperature	-40 °C ... + 85 °C

Detailed specifications are available on request

RELATED PRODUCTS



MODULES (ECC)
Series 3109



MICRO-SIGNAL SWITCH
Series 1065

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