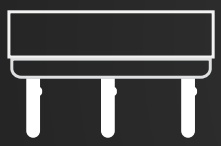
SMALL, SILENT, DIAGNOSABLE

MICRO SIGNAL SWITCH 1065 FOR VARIOUS APPLICATIONS

Solder terminal

Cable connector



PCB terminal

ADVANTAGES

Silent Operation:
Sliding contact system ensures quiet switching for acoustically sensitive environments.

Durability:
Over 200,000 switching cycles for reliable long-term performance.

Diagnostics:
Detects switch presence, short circuit, and cable break.

Cost and Space Efficiency:
Center-off switch cuts costs by 50% and saves space.

Redundant Contact System:
Two sliding contacts ensure reliable operation.

KEY FEATURES

Specifications:

Switching Current: 1 mA to 100mA

Switching Voltage: 5 V to 30 V

Contact Resistance: 500 mΩ (new), <1Ω (end of life)

Operating Temperature: -40°C to +85°C

Sealing and Protection:
IP67-rated for demanding environments.

Compact Design:
Modular housing and pin variants: left, right, both, various lengths.

External Levers:
Options include differential, simuluated roller and two different types of straight levers

USE CASES

Automotive | Truck | Household Appliances | Power Tools:
Different locking systems and mechanical queries

Industrial Monitoring:
Real-time switch presence detection.

Acoustically Sensitive Systems:
Silent operation.

Space-Constrained Systems:
Compact design for applications with limited space.

MARQUARDT