

FLEXIBLE – COST-EFFICIENT – INNOVATIVE

MICRO-SIGNAL SWITCHES – THE NEW ONE FOR CONTROL CURRENTS



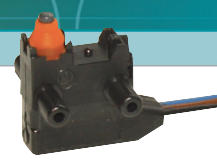
1065
basic switch



1075
center-off switch



1060/1070
diagnostic capable switch



1068
switch with wire harness

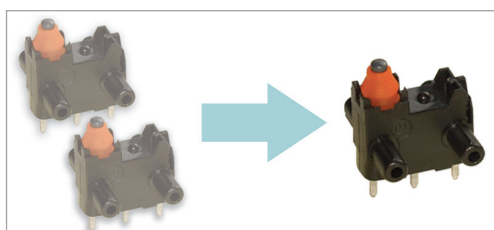
BENEFITS AND ADVANTAGES OF MICRO SIGNAL SERIES

- ◆ Reliability: redundant self cleaning switching system
- ◆ Noiseless switching: can be used in acoustically sensible areas



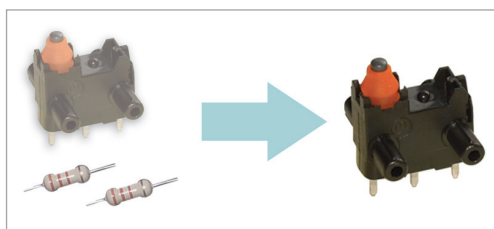
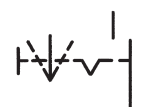
BASIC SWITCH 1065

- Functionality:** - Normally closed / open or change-over version
- Benefit:** - Flexible adaption:
long over-travel > 2mm
to adapt mechanical
tolerances of periphery



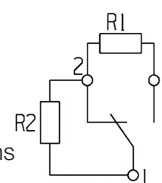
CENTER-OFF SWITCH 1075

- Functionality:** - Two normally open functions from center position
- Benefit:** - Three switching positions
- Cost reduction > 50%
- Save space due to omission of one switch
- Optional diagnostic



SWITCH DIAGNOSTICS CAPABILITY 1060/1070

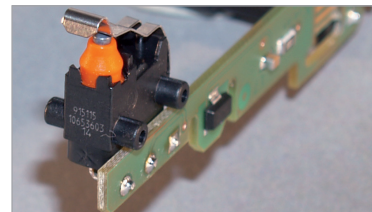
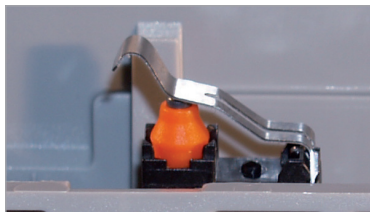
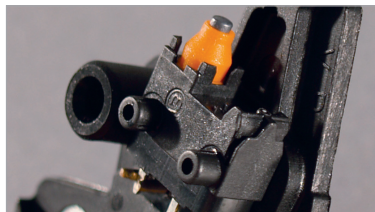
- Functionality:** - Micro-signal switch with circuit monitoring (e.g. short circuit or cable break)
- Benefit:** - Three switching positions
- Cost and cross-section reduced due to integrated resistors
- Increased safety due to the diagnostics
- Wire harness cost saving due to saving one cable by change-over



MICRO-SIGNAL SWITCHES – THE NEW ONE FOR CONTROL CURRENTS

WIDE RANGE OF APPLICATIONS

- ◆ Locking systems (latch)
- ◆ Motor soft close
- ◆ Key cylinder control
- ◆ Seat applications
- ◆ Convertible top applications
- ◆ Heating and climatic control systems
- ◆ Cockpit
- ◆ Electronic locking device for steering wheels
- ◆ Electronic ignition lock



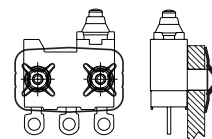
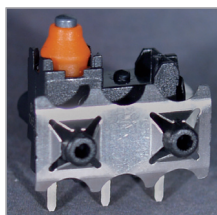
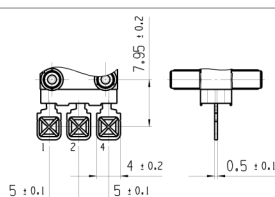
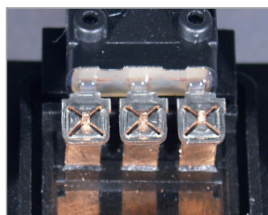
EXAMPLES FOR VERY EASY ASSEMBLING AND CONNECTION OF MICRO-SIGNAL SWITCHES

Clamp terminal:

- Mechanical and electrical assembling in a single production step
- Reduction of investment
- Reduction of process costs

Fastening disc

- Flexible and easy assembling
- Standard process and product

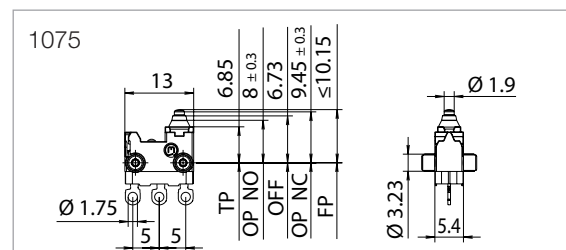
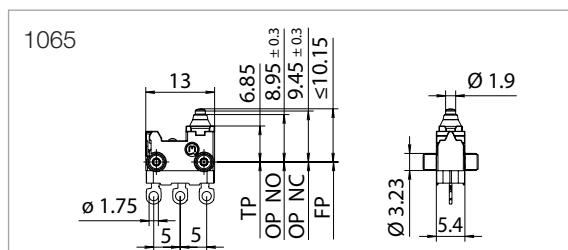
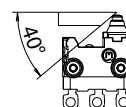


As well as various further common possibilities for assembly and connecting.

TECHNICAL INFORMATION

Rated voltage
Rated current
Mechanical life endurance from -40 °C bis + 85 °C
Protection type
Approach angle (see specification)

5 - 30 V DC
1 - 100 mA
≤ 200 000
IP 67
≤ 40°



We reserve the right to alter switches in accordance with technical improvements.
Dimensions are not binding. Detailed specifications available on request.



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