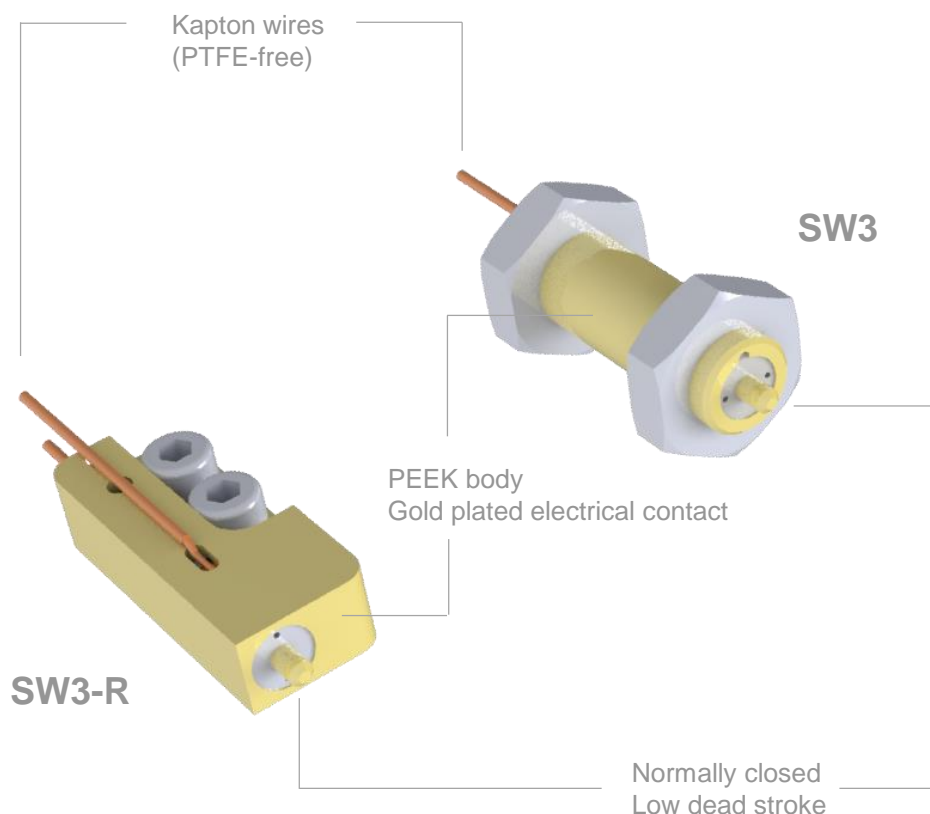


UHV precision electrical switches | SW3 & SW3-R

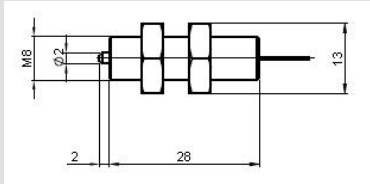
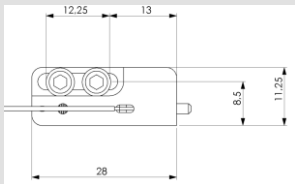
Compact and accurate inline electrical switch dedicated to UHV and/or radiation environment applications

Design and manufacture fully compliant with UHV requirements



Two possible mechanical integration / same performances: SW3 or SW3-R

UHV precision electrical switches | SW3 & SW3-R

General data	SW3	SW3-R
Reproducibility	3 μm	
Dead stroke	ca. 0.1 μm	
Over-stroke	Max. 2.8 mm	
Housing material	PEEK	
Installation position	Any	
Vacuum compatibility	10 ⁻¹⁰ mbar	
Radiation compatibility	Yes	
Temperature	- 5°C / 200°C ⁽¹⁾	
Mechanical interfaces	2 nuts M8x0.5 	2 screws CHC M3x6 

⁽¹⁾ 200°C is the maximum recommended baking temperature

Electrical data	SW3 & SW3-R
Contact nature	Floating
Contact type	NC
Contact material	Gold plated
Switching current voltage	50 mA 30 VDC
Conductor material	Silver plated copper
Sheath material	Kapton
Electrical interface	Free ended wires 1.5 m 0.6 mm 0.81 – 0.87 mm
Connector ⁽²⁾	
Wire length ⁽²⁾	
Conductor diameter	
Sheath diameter	

⁽²⁾ Connector and longer wires upon request