

Subminiature Switch



DCJK series

Features

- Special variant of the DC switch for special applications with sealed protection type IP67
- Long life coil spring mechanism
- Switching current 0.005 to 3 A DC at 12 V DC
- Temperature range wire versions: -40 to +105 °C
- Protection class: IP67 (switching system)
- Different mounting options (location posts, mounting holes)
- Various aux actuators (also for retrofitting)
- Various terminal types
- Wire versions available – protection class IP67
- Four different operating points and three wire socket heights

Order Code Matrix

Order codes on request. For specific part numbers, please contact the factory: switches-sensors@zf.com

Electrical Specifications – Contact Ratings

Contact	Electrical life
0.005 to 3 A DC, 12 V DC	up to 2 x 10 ⁶ operations

Environmental and Mechanical Specifications

Operating force	300 cN without auxiliary actuator depending on model
Mechanical life	up to 2 x 10 ⁶ operations
Temperature range	-40 to +85 °C/120 °C
Model with leads PTI 600 (PA6)	-40 to +105 °C

Material Specifications

Housing	PET/PA
Actuator	POM (T85), PA (T120)
Auxiliary actuator	Stainless steel or plastic
Sealing gasket	VMQ
Terminals	CuZn (silver-plated)
Contacts	AgNi, AgPd (Crosspoint), AuAg (Crosspoint)
Degree of protection switch interior	IP67

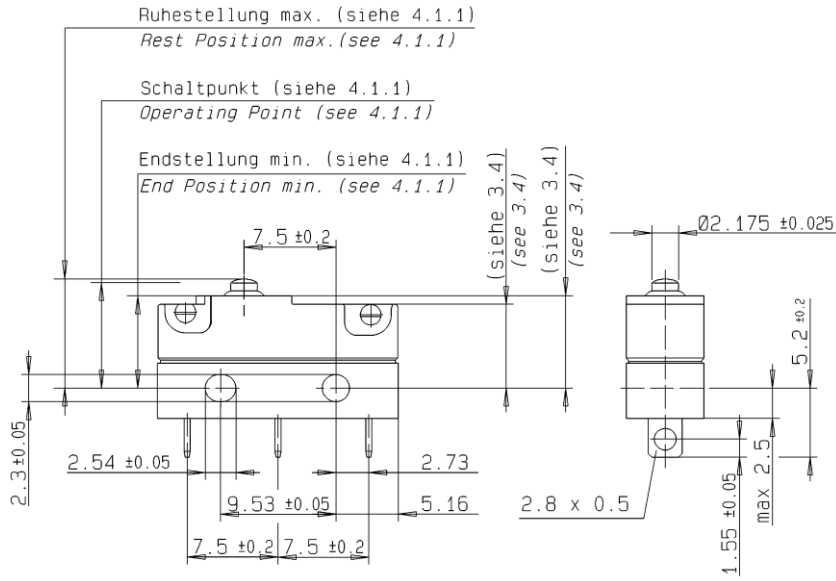
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Page 1 of 3, Last update 2024-11-26, Specifications subject to change without notice. In case there are any deviations, the drawing details have priority.

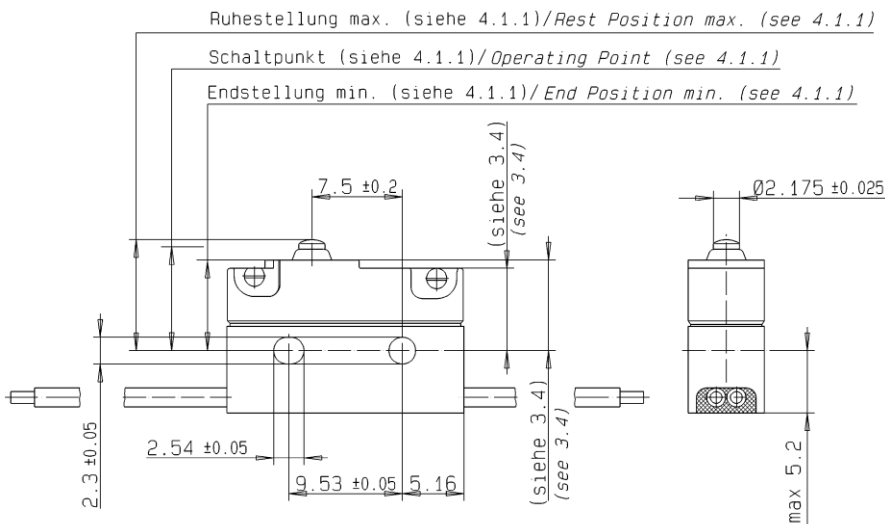


Dimensions in mm

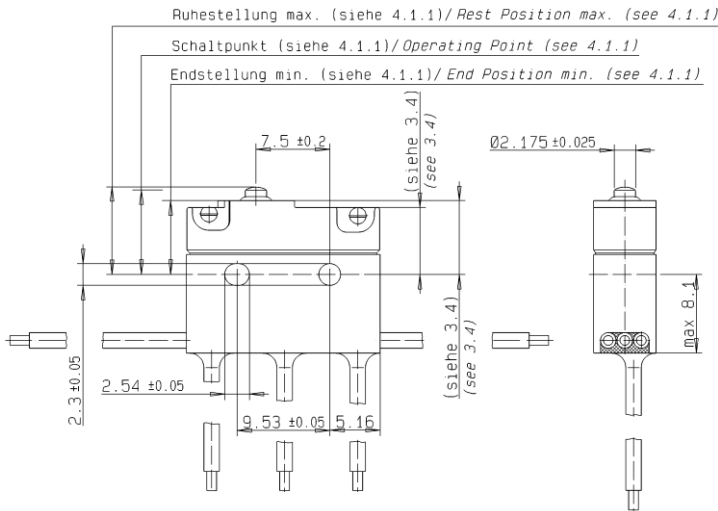
DCJK – short



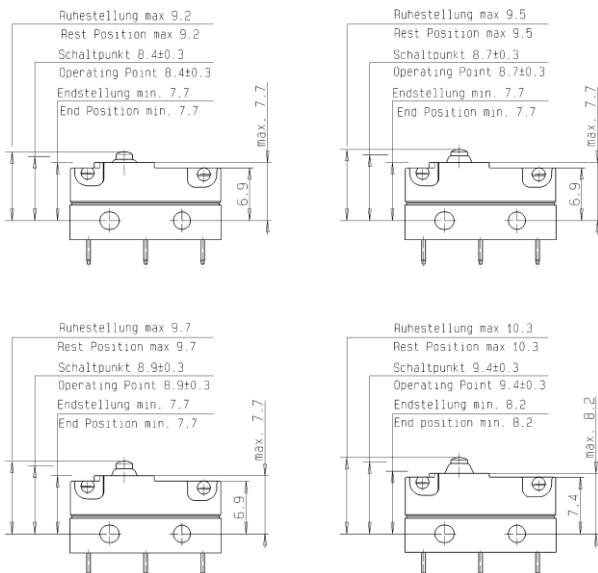
DCJK – medium



DCJK – long

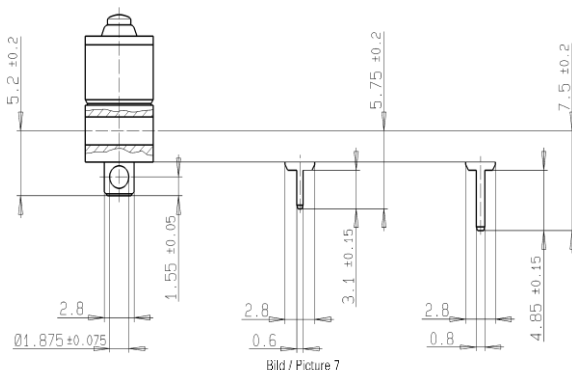


Operating point versions



Terminals

Solder terminal, short PCB terminal 0.6x0.5 PCB terminal 0.8x0.5



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