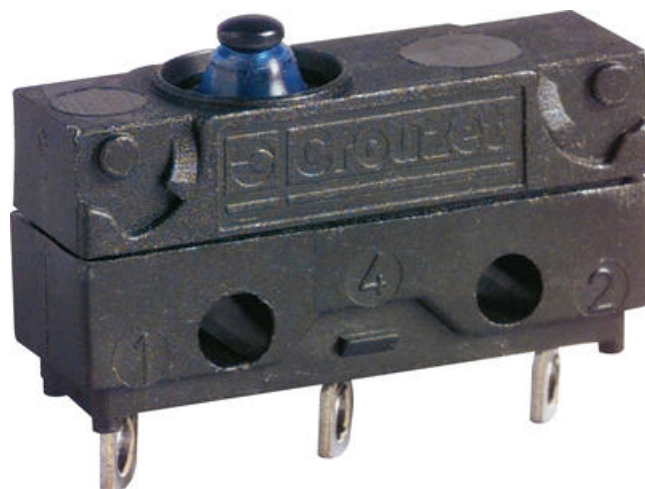


CROUZET SWITCHES - TIGHT V4 IP67

83186001
831860 C/O W2S.

- Nominal rated current from 0.1 A to 10 A/250 V ac
- Min. rated current 1 mA/4 V dc
- Two possible control arm installation positions

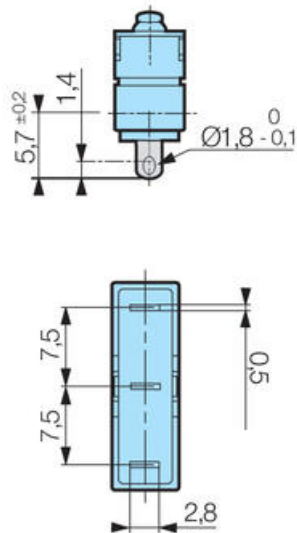


PRODUCT DESCRIPTION

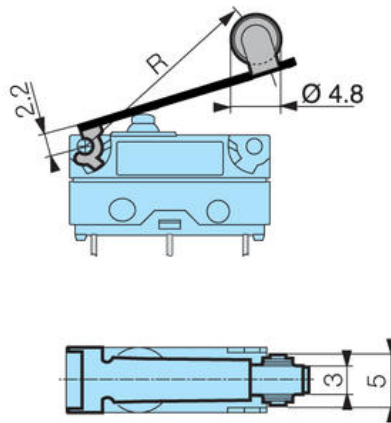
TECHNICAL DATA

Connection	W2S
Contact gap	0,4 mm
Contact type	Changeover (SPDT)
Force of the return movement min	0,8 N
Hysteresis max	0,15 mm
IP class	IP67, IP69
Operating force max	2,5 N
Operating power total max	4,2 N
Overtravel min	0,6 mm
Permissible overvoltage max	10 N
Rated current at 250 V ac	6 A
Sleep max	9,3 mm
Switching point	8,4±0,3 mm
Temperature operational max	125 °C
Temperature operational min	-40 °C
Thermal current at 250 V ac	7,5 A

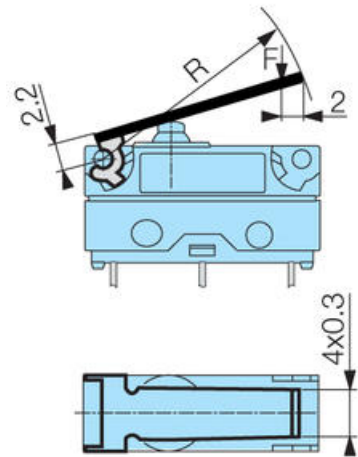
W2S Solder



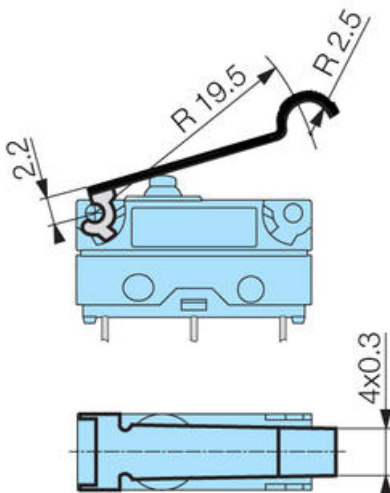
170 E Arm with roll



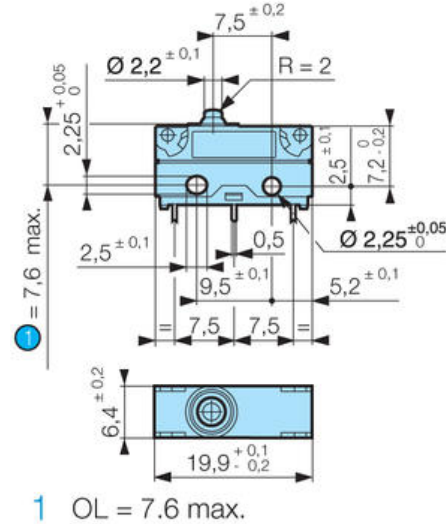
170 A Straight-arm



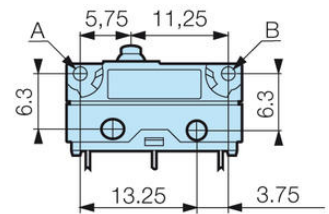
170 F Arm with simulated scroll



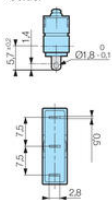
Symmetric version type 83 180/181/183/186



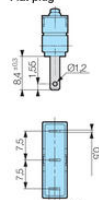
Mounting bracket



W2S Solder



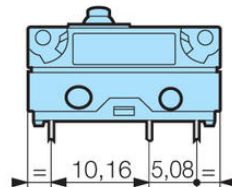
W7S Flat plug



X1A Straight circuit board connection

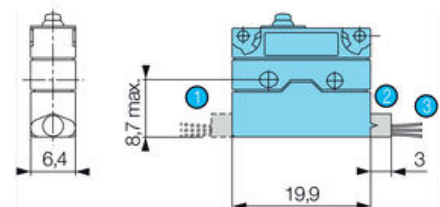


Asymmetric version typ 83 180/181/183/186



Attached with 2 M2 screws
Torque with screw only:
0.2 Nm, with screw + washer: 0.3 Nm

Cable Outputs



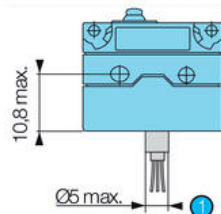
- 1 FG0
- 2 FD0
- 3 Standard 500 mm

Black = Common
Gray = NC
Blue = NO

Cross section:
83181 / 83 183 / 83 186 = 0.5 mm²
83 180 = 0.75 mm²

Cable outlet

B0 cable outlet on the bottom



1 Standard 500 mm

Black= Common

Gray = NC

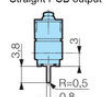
Blue= NO

Cross section:

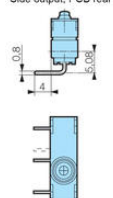
83181 / 83183 / 83186 = 0.5 mm²

83180 = 0.75 mm²

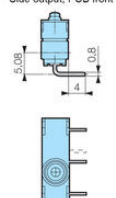
X1S
Straight PCB output



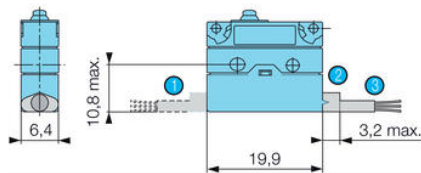
X2A - X2S
Side output, PCB rear



X3A - X3S
Side output, PCB front



Cable Outputs



1 CG0

2 CD0

3 Standard 500 mm

Black = Common

Gray = NC

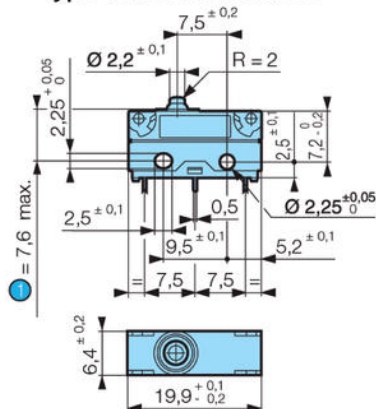
Blue = NO

Cross section:

83181 / 83183 / 83186 = 3 x 0.5 mm²

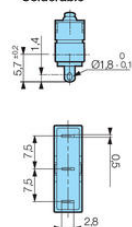
Symmetric version

type 83180/181/183/186

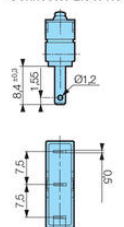


1 OL = 7.6 max.

W2S
Solderable



W7S
Connector 2.8 x 0.5



X1A
Circuit board

