

CROUZET SWITCHES - TIGHT V4 IP67

83186005

Microswitch CO 6A 250VAC

- 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

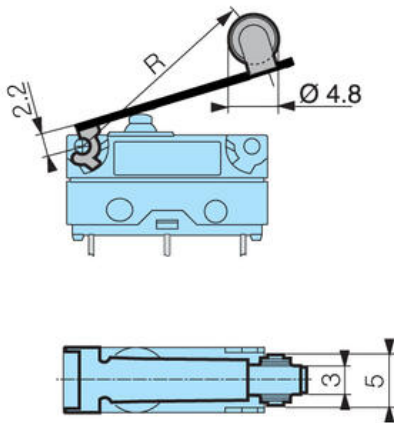


PRODUCT DESCRIPTION

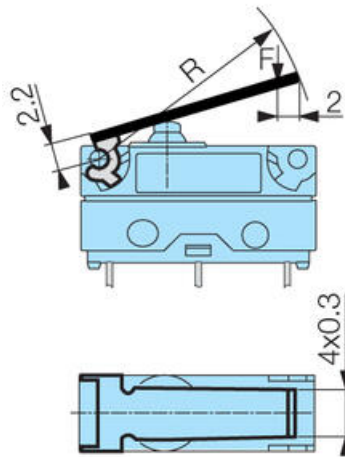
TECHNICAL DATA

Cable length	500 mm
Connection	Leader exit down
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

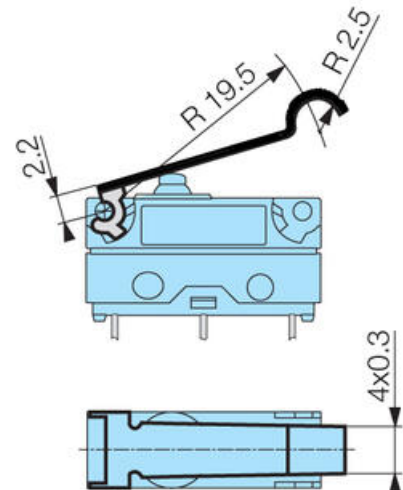
170 E
Arm with roll



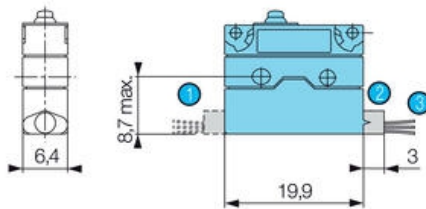
170 A
Straight-arm



170 F
Arm with simulated scroll



Cable Outputs

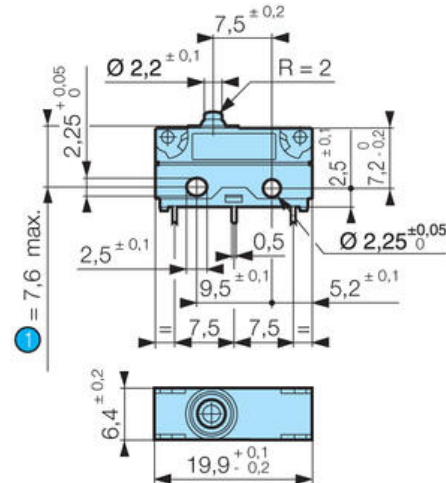


- 1 FG0
- 2 FD0
- 3 Standard 500 mm

Black = Common
Gray = NC
Blue = NO

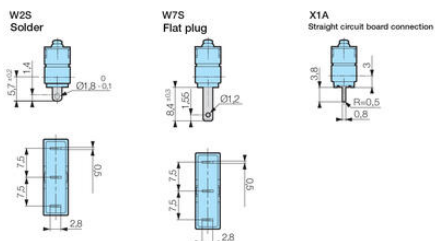
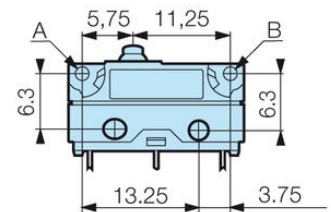
Cross section:
83181 / 83 183 / 83 186 = 0.5 mm²
83 180 = 0.75 mm²

Symmetric version
type 83 180/181/183/186

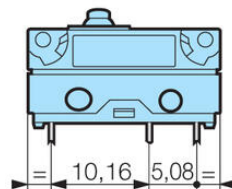


- 1 OL = 7.6 max.

Mounting bracket

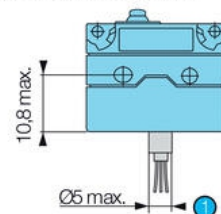


Asymmetric version
typ 83 180/181/183/186



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

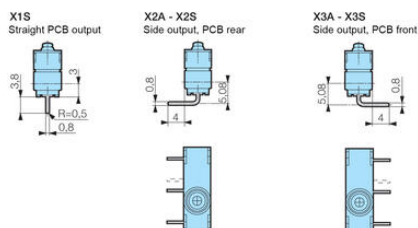
Cable outlet
B0 cable outlet on the bottom



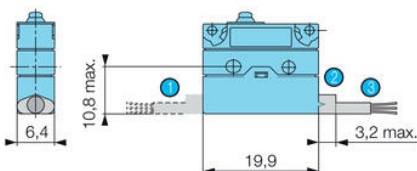
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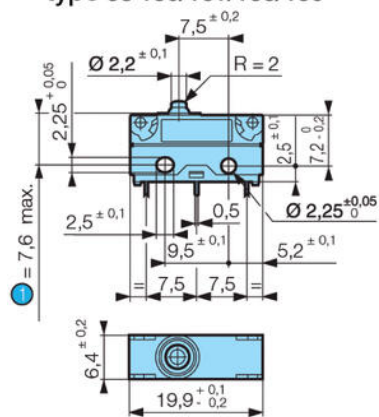


- 1 CG0
- 2 CD0
- 3 Standard 500 mm

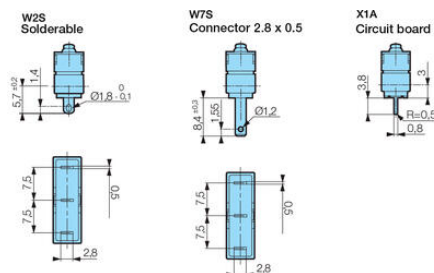
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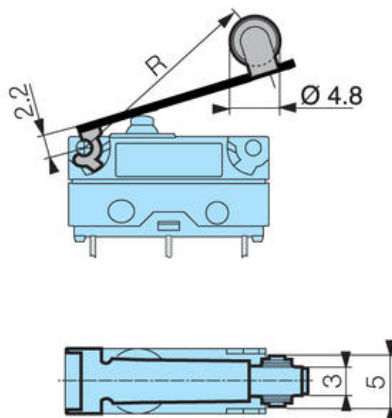
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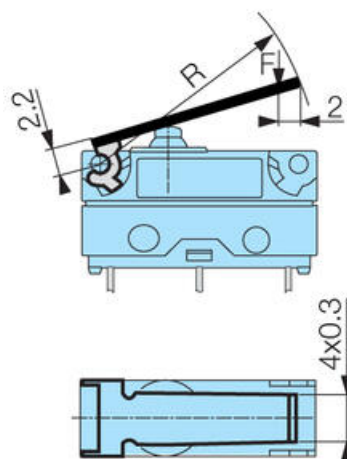
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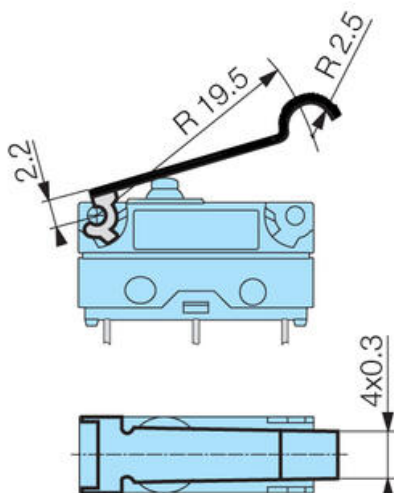
170 E Arm with roll



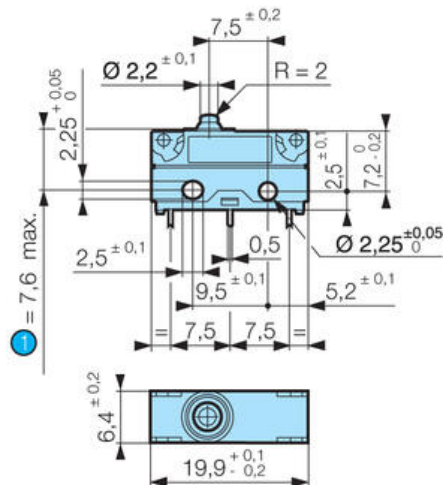
170 A Straight-arm



170 F Arm with simulated scroll

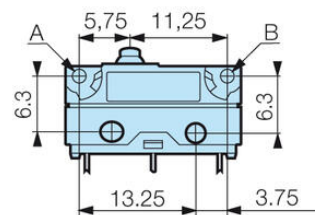


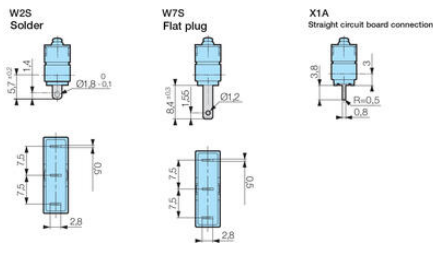
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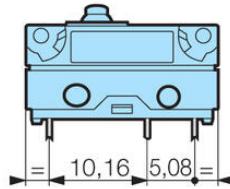
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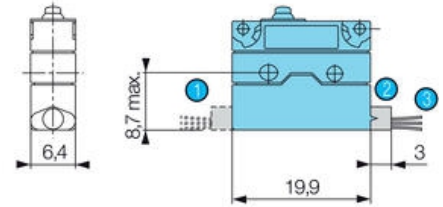


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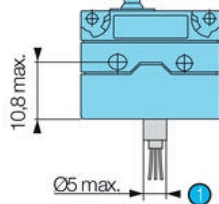


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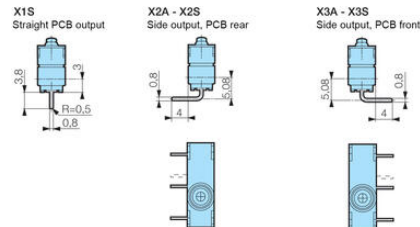
Cable outlet B0 cable outlet on the bottom



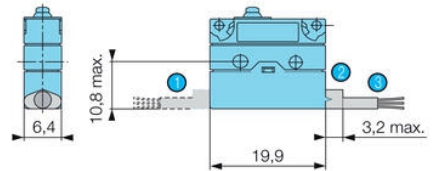
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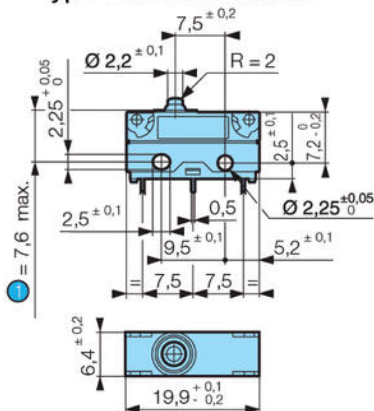


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