

CROUZET SWITCHES - TIGHT V4 IP67

83186004

SEALED MICROSWITCH C/O FGO

- 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

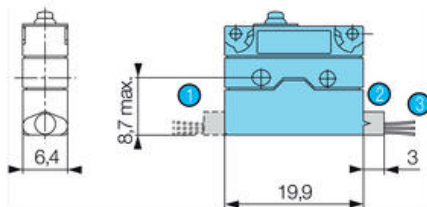


PRODUCT DESCRIPTION

TECHNICAL DATA

Cable length	500 mm
Connection	Leader exit left
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

Cable Outputs

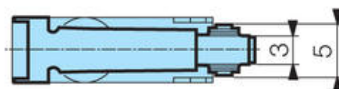
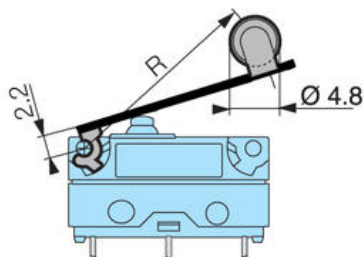


- 1 FG0
- 2 FD0
- 3 Standard 500 mm

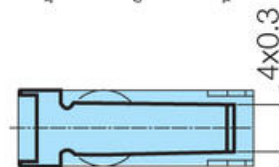
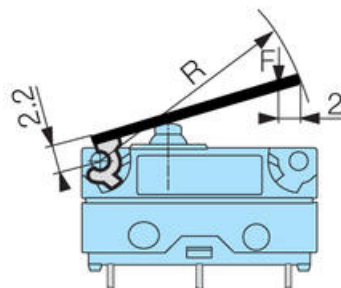
Black = Common
Gray = NC
Blue = NO

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

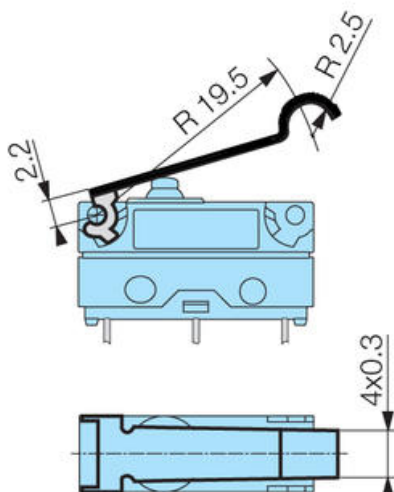
170 E Arm with roll



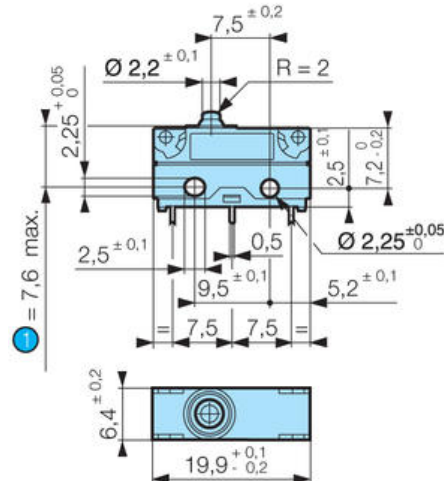
170 A Straight-arm



170 F Arm with simulated scroll

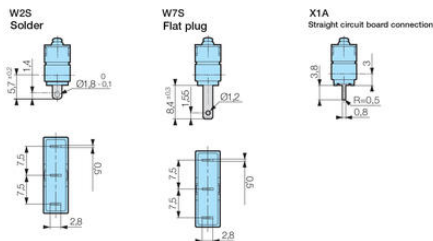
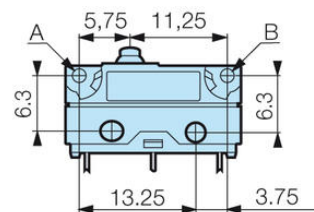


Symmetric version type 83 180/181/183/186

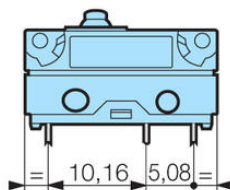


- 1 OL = 7.6 max.

Mounting bracket

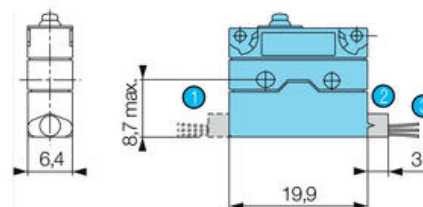


Asymmetric version typ 83 180/181/183/186



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

Cable Outputs



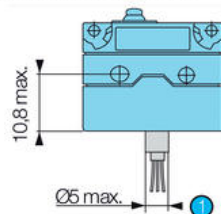
- 1 FG0
- 2 FD0
- 3 Standard 500 mm

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:

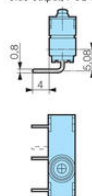
83 181 / 83 183 / 83 186 = 0.5 mm²

83 180 = 0.75 mm²

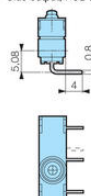
X1S
Straight PCB output



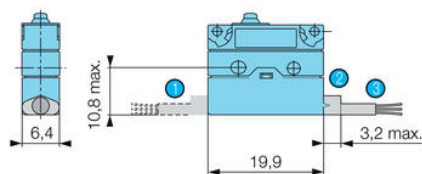
X2A - X2S
Side output, PCB rear



X3A - X3S
Side output, PCB front



Cable Outputs



1 CG0

2 CD0

3 Standard 500 mm

Black = Common

Gray = NC

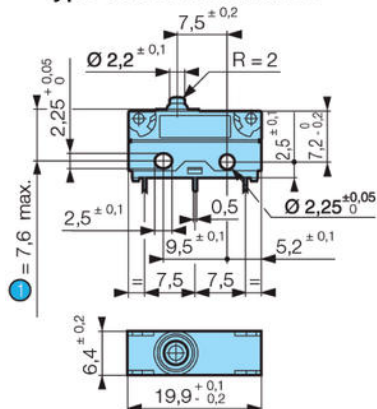
Blue = NO

Cross section:

83 181 / 83 183 / 83 186 = 3 x 0.5 mm²

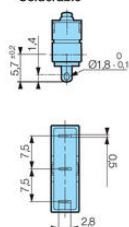
Symmetric version

type 83 180/181/183/186

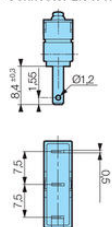


1 OL = 7.6 max.

W2S
Solderable



W7S
Connector 2.8 x 0.5



X1A
Circuit board

