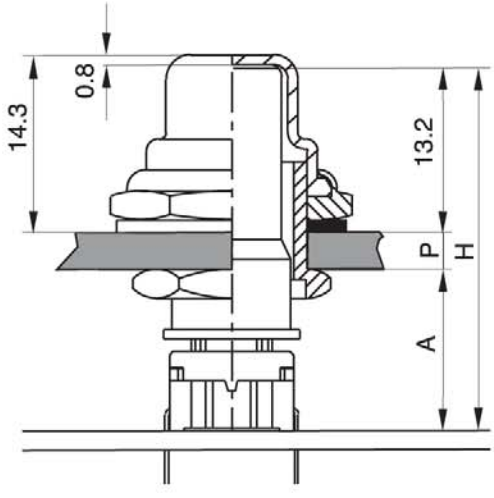
multimec® Aquamec™

Specifications switches:

- through-hole or SMD
- 50mA/24VDC
- single pole/momentary
- 10.000.000 operations life time
- IP67 sealing
- temperature range:
  low temp: -40/+115°C
  high temp: -40/+160°C

Specifications Sealing Boot:

- Operating temperature: -40/+85°C
- IP67 sealing
- sealing life time: 2.000.000 operations
- material: silicone



H= A+P+13.2

This leaves nominel 0.3 mm clearance between the top of the cap and the inner side of the sealing boot to accomplish assembly tolerances. **A** can be chosen between 10 -13 mm, we recommend 10 mm to reduce building height and optimize cap guidance.

A	P	CAP	H	BUSHING
10.0	1.0	AQCXX-24.2	24.2	AQN-0.5
10.0	2.0	AQCXX-25.2	25.2	AQN-0.5
10.0	3.0	AQCXX-26.2	26.2	AQN-2.5
10.0	4.0	AQCXX-27.2	27.2	AQN-2.5

Cap is available in black (09) or transparent (11).
The dimension H is the overall height of the switch+cap.
Bushing AQN-0.5 accepts panel thickness (P) 0.5-2.5 mm.
Bushing AQN-2.5 accepts panel thickness (P) 2.5-4.0 mm.
Panel cut out ø 12.0 ± 0.2.

How to order

3 F [ ] [ ][ ] + **AQN** - [ ]·[ ] + **AQC** [ ][ ] - [ ][ ]·[ ] + **AQB01** [ ][ ]

Switch

Mounting
T through-hole
S surface mount

L 6 low temp.
H 9 high temp.

Bushing

Panel
0.5
2.5

Cap
09 black
11 transparent

Overall Height
24.2
25.2
26.2
27.2

Sealing boot, incl. sealing ring
09 black
11 transparent

3 F **T** [ ][ ] [ ][ ][ ][ ] + **AQN** - [ ]·[ ] + **AQC** [ ][ ] - [ ][ ]·[ ] + **AQB01** [ ][ ]

Switch

Mounting
T through-hole

L 6 low temp.
H 9 high temp.

LED
00 blue
20 green
40 yellow
60 white
80 red
2040 green/yellow
8020 red/green
8040 red/yellow

Bushing

Panel
0.5
2.5

Cap
11 transparent

Overall Height
24.2
25.2
26.2
27.2

Sealing boot, incl. sealing ring
11 transparent

Keycaps shown on this page can also be used on
illumec™ switch 4F - see page 13

Ordering example: AQB0109 + AQC09-27.2 + AQN-2.5 + 3FTL6