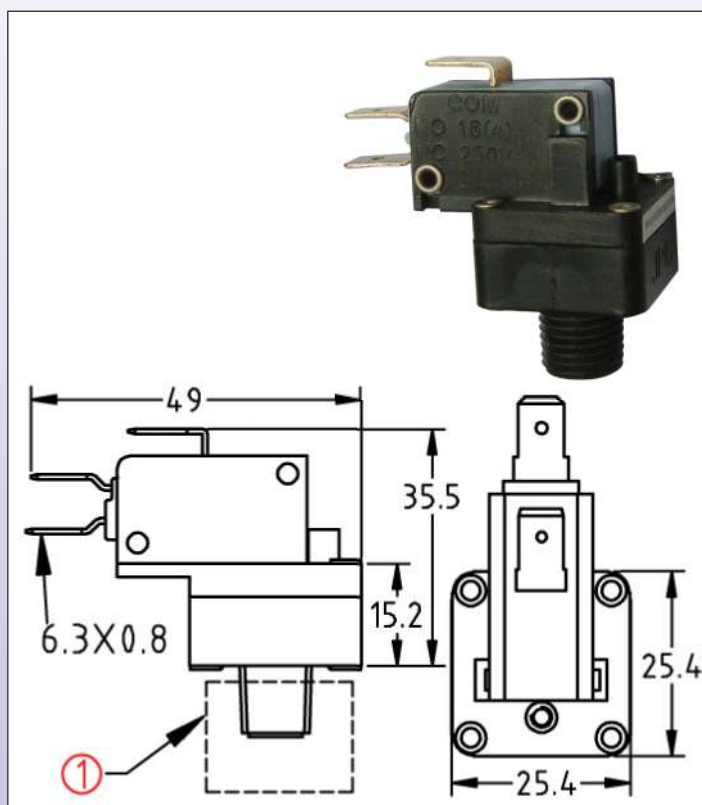


# Snap action contact miniature pressure switch, plastic fitting. SPDT contact : Type ZQ

## DIMENSIONS



**Uses:** High electrical rating, for 250V .

**Main applications:** Pressure sensing on water heaters, boilers, and electrical appliances.

**Membranes:** EPDM, dia 22 mm. Silicone or NBR on request  
Double membrane on request.

**Fluid:** water or air

**Fitting:** Plastic

**Pressure:** positive

**Housing:** PA66, UL94 VO

**Contact:** SPDT, snap action. NO or NC contacts available with MOQ

**Electrical rating:** Depends on microswitch operating force that is linked to the electrical rating

- Standard rating micro-switch (medium and high pressure calibration only): 16A 125/250VAC;1/2HP 125VAC;3/4HP 250VAC

- High rating micro-switch (medium and high pressure calibration only): 2HP 240V, 21(8) A 240V (UL, CSA VDE switch)

- Low force micro-switch (set points less than 150 mbar): 1/4HP 6(1) A 240V (UL, CSA VDE switch)

- On request: up to 25A 250V

**Action:** momentary.

**Set point calibration:** factory calibrated and sealed, not field adjustable

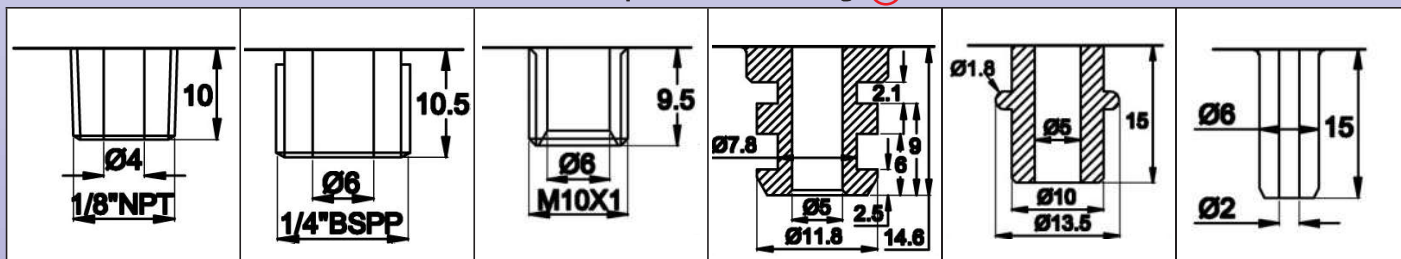
**Set point calibration limits:** from 50 to 1500 mbar

**Electrical connection:** 6.35 x 0.8 mm quick connect terminals

**Maximum pressure:** 4 bars (58 PSI)

**Ambient temperature limits:** 0 to 85°C

## Available pressure inlet fittings ①

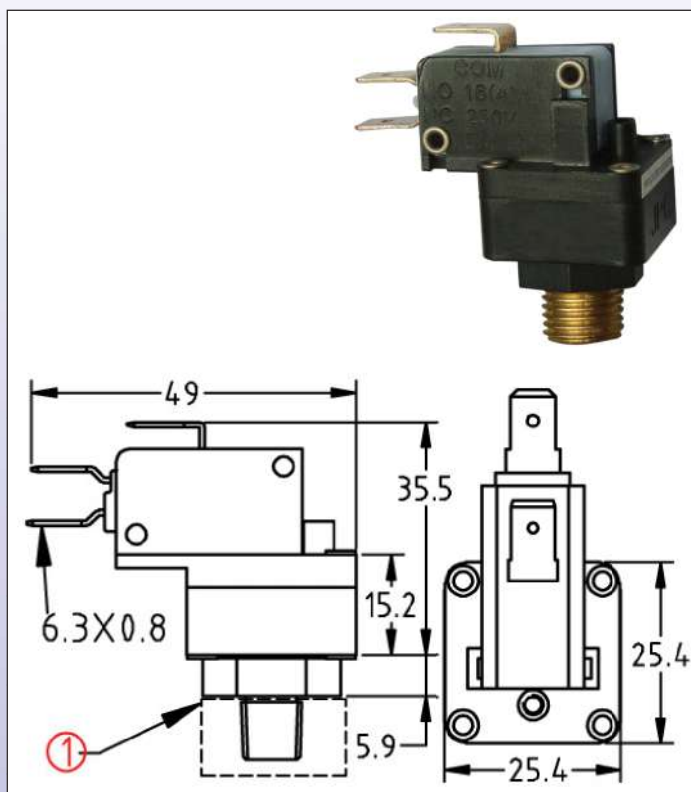


## References ( with SPDT contact):

| Pressure inlet                     | Standard rating micro- switch<br>(Calibration : 800 mbar)                                         | Low pressure micro-switch<br>(Calibration 150 mbar)                                               | High rating micro-switch<br>(Calibration 800 mbar)                                                   |
|------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 1/8" NPT                           | ZQ2K28U1UH000000                                                                                  | ZQ2728U50A500000                                                                                  | ZQ2K28U6UH000000                                                                                     |
| 1/4" BSPP                          | ZQ2K2QU1UH000000                                                                                  | ZQ272QU50A500000                                                                                  | ZQ2K2QU6UH000000                                                                                     |
| M10 x 1                            | ZQ2K2MU1UH000000                                                                                  | ZQ272MU50A500000                                                                                  | ZQ2K2MU6UH000000                                                                                     |
| Snap in fitting, 2 grooves dia 7.8 | ZQ2K2TU1UH000000                                                                                  | ZQ272TU50A500000                                                                                  | ZQ2K2TU6UH000000                                                                                     |
| Snap in fitting, 1 groove dia 10   | ZQ2K2ZU1UH000000                                                                                  | ZQ272ZU50A500000                                                                                  | ZQ2K2ZU6UH000000                                                                                     |
| Snap in fitting, 1 spout dia 6 mm  | ZQ2K2AU1UH000000                                                                                  | ZQ272AU50A500000                                                                                  | ZQ2K2AU6UH000000                                                                                     |
|                                    | Other set point values: replace<br>H00 in the product reference by<br>the requested value in mbar | Other set point values: replace<br>A50 in the product reference<br>by the requested value in mbar | Other set point values:<br>replace H00 in the product<br>reference by the requested<br>value in mbar |

# Snap action contact miniature pressure switch, metal fitting. SPDT contact : Type ZQ

## DIMENSIONS



**Uses:** High electrical rating, for 250V.

**Main applications:** Pressure sensing on water heaters, boilers, and electrical appliances.

**Membranes:** EPDM, dia 22 mm. Silicone or NBR on request  
Double membrane on request.

**Fluid:** water or air

**Fitting:** Brass (stainless steel on request)

**Pressure:** positive

**Housing:** PA66, UL94 V0

**Contact:** SPDT, snap action. NO or NC contacts available with MOQ

**Electrical rating:** Depends on micro-switch operating force that is linked to the electrical rating

- Standard rating micro-switch (medium and high pressure calibration only): 16A 125/250VAC; 1/2HP 125VAC; 3/4HP 250VAC

- High rating micro-switch (medium and high pressure calibration only): 2HP 240V, 21(8) A 240V (UL, CSA VDE switch)

- Low force micro-switch (set points less than 150 mbar): 1/4HP 6(1) A 240V (UL, CSA VDE switch)

- On request: up to 25A 250V

**Action:** momentary.

**Set point calibration:** factory calibrated and sealed, not field adjustable

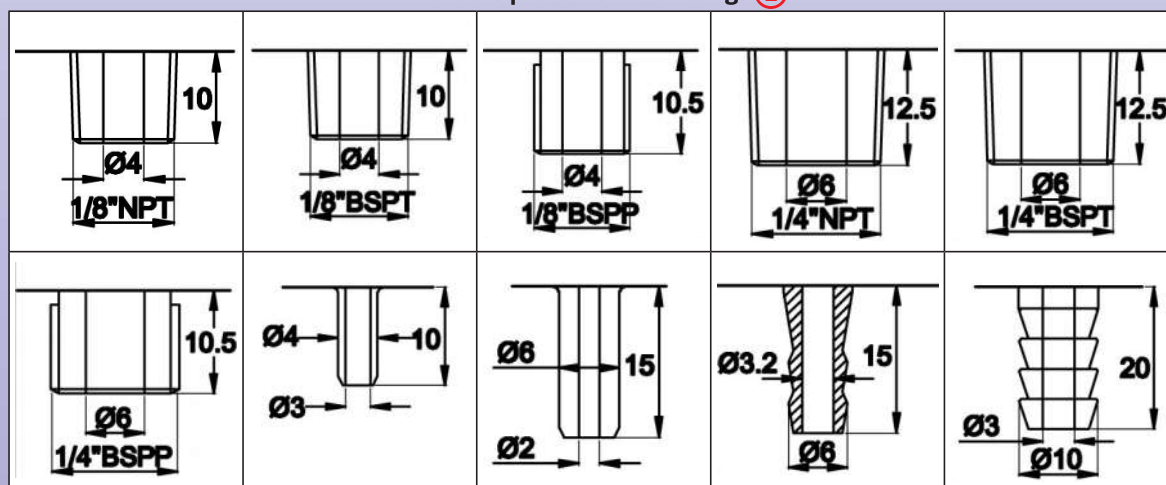
**Set point calibration limits:** from 50 to 1500 mbar

**Electrical connection:** 6.35 x 0.8 mm quick connect terminals

**Maximum pressure:** 4 bars (58 PSI)

**Ambient temperature limits:** 0 to 85°C

## Available pressure inlet fittings ①



## References ( with SPDT contact and brass fitting):

| Pressure inlet         | Standard rating micro- switch<br>(Calibration : 800 mbar)                                   | Low pressure micro-switch<br>(Calibration 150 mbar)                                         | High rating micro-switch<br>(Calibration 800 mbar)                                          |
|------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 1/8" NPT               | ZQ2K2RU1UH000000                                                                            | ZQ272RU50A500000                                                                            | ZQ2K2RU6UH000000                                                                            |
| 1/8" BSPT              | ZQ2K2PU1UH000000                                                                            | ZQ272PU50A500000                                                                            | ZQ2K2PU6UH000000                                                                            |
| 1/8" BSPP              | ZQ2K2LU1UH000000                                                                            | ZQ272LU50A500000                                                                            | ZQ2K2LU6UH000000                                                                            |
| 1/4" NPT               | ZQ2K2CU1UH000000                                                                            | ZQ272CU50A500000                                                                            | ZQ2K2CU6UH000000                                                                            |
| 1/4" BSPT              | ZQ2K2SU1UH000000                                                                            | ZQ272SU50A500000                                                                            | ZQ2K2SU6UH000000                                                                            |
| 1/4" BSPP              | ZQ2K22U1UH000000                                                                            | ZQ2722U50A500000                                                                            | ZQ2K22U6UH000000                                                                            |
| Smooth spout dia 4 mm  | ZQ2K23U1UH000000                                                                            | ZQ2723U50A500000                                                                            | ZQ2K23U6UH000000                                                                            |
| Spout dia 6 mm         | ZQ2K27U1UH000000                                                                            | ZQ2727U50A500000                                                                            | ZQ2K27U6UH000000                                                                            |
| Fluted spout dia 6 mm  | ZQ2K2JU1UH000000                                                                            | ZQ272JU50A500000                                                                            | ZQ2K2JU6UH000000                                                                            |
| Barbed spout dia 10 mm | ZQ2K29U1UH000000                                                                            | ZQ2729U50A500000                                                                            | ZQ2K29U6UH000000                                                                            |
|                        | Other set point values: replace H00 in the product reference by the requested value in mbar | Other set point values: replace A50 in the product reference by the requested value in mbar | Other set point values: replace H00 in the product reference by the requested value in mbar |