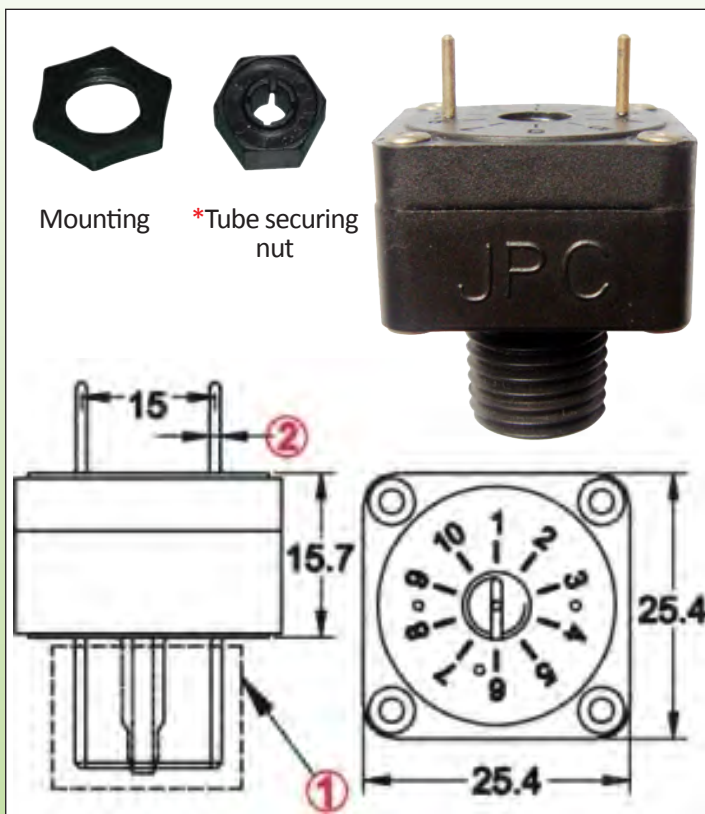


Slow action contact miniature air switches for printed circuit boards with 5mm pitch, SPNO contact : Type ZE

DIMENSIONS



Uses: Low voltage, high sensitivity
Main applications: Electronic printed circuits and remote controls for spa, swimming pools and saunas. This pressure switch is more sensible than snap action models and allows longer tubing distance
Membranes: EPDM, dia 22 mm. Silicone or NBR on request
Fluid: air
Fitting: Plastic spout for 1/8(3mm) or 1/16(1.5mm) ID flexible plastic tubing maximum hardness 70 shore A
Pressure: positive
Housing: PA66, UL94 VO and ABS
Contact: single pole normally open, slow make.
Electrical rating:
 - Silver contact: max 1A 250V
 - Gold plated contact: max 100 mA, 24V
Action: momentary, close on pressure impulse.
Set point calibration: 50mbar, factory calibrated and sealed, not field adjustable. Other values on request
Electrical connection: printed circuit terminal, dia 1.2 mm, 15 mm spacing
Maximum pressure: 2 bars (29 PSI)
Ambient temperature limits: 0 to 85°C
Barometric compensation: groove on 4 mm spout for ¼ NPSM, calibrated orifice on 9/16-18
Caution: This compensation is skipped if using ¼ thread for pressure connection
Mounting fittings: ¼" NPSM or 9/16-18 (2 possible flat positions)
Switch operation: Operates on a sealed pressure air displacement. Do not use pressure transmitters with air input to avoid pumping action.
 Use air transmitters with enough air volume to achieve minimum operating pressure.
Caution: too long connecting tubing and/or too small pressure transmitter will not operate the air switch or will operate it with a momentary action.
Accessories: shipped with plastic nut. Maximum tightening torque with plastic nut is 0.08mkg (0.8Nm).
Recommended value: 0.5 Nm . Stainless steel nut or tube securing nut (*) on request

Available pressure inlet fittings ①	Mounting	*Tube securing nut

References (with calibration at 50 mbar):

Pressure inlet	Silver contact	Gold plated contact
9/16-18+ spout, 2 flats at 0°, standard nut	ZE2X2UL105000008	ZE2X2ULG05000008
9/16-18+ spout, 2 flats at 90°, standard nut	ZE2X2WL105000008	ZE2X2WLG05000008
1/4 NPSM + spout, standard nut	ZE2X2IL105000008	ZE2X2ILG05000008
9/16-18+ spout, 2 flats at 0°, tube securing nut	ZE2X2UL105000009	ZE2X2ULG05000009
9/16-18+ spout, 2 flats at 90° tube securing nut	ZE2X2WL105000009	ZE2X2WLG05000009
1/4 NPSM + spout, tube securing nut	ZE2X2IL105000009	ZE2X2ILG05000009

Other set point values: replace 050 in the product reference by the requested value in mbar

En raison de l'évolution technique constante de nos produits, les plans, dessins, photos et caractéristiques repris dans les pages techniques sont communiqués sans engagement et peuvent être modifiés sans préavis

