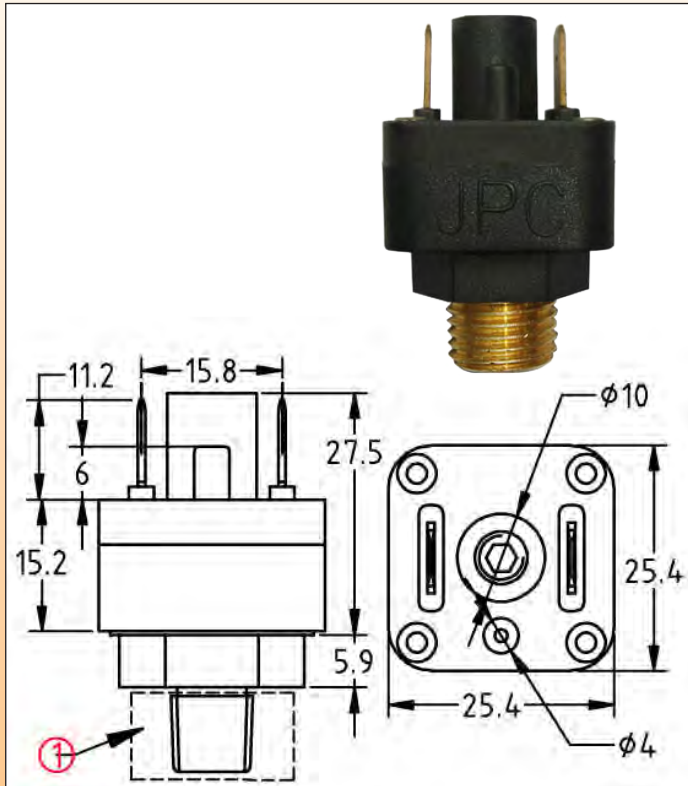


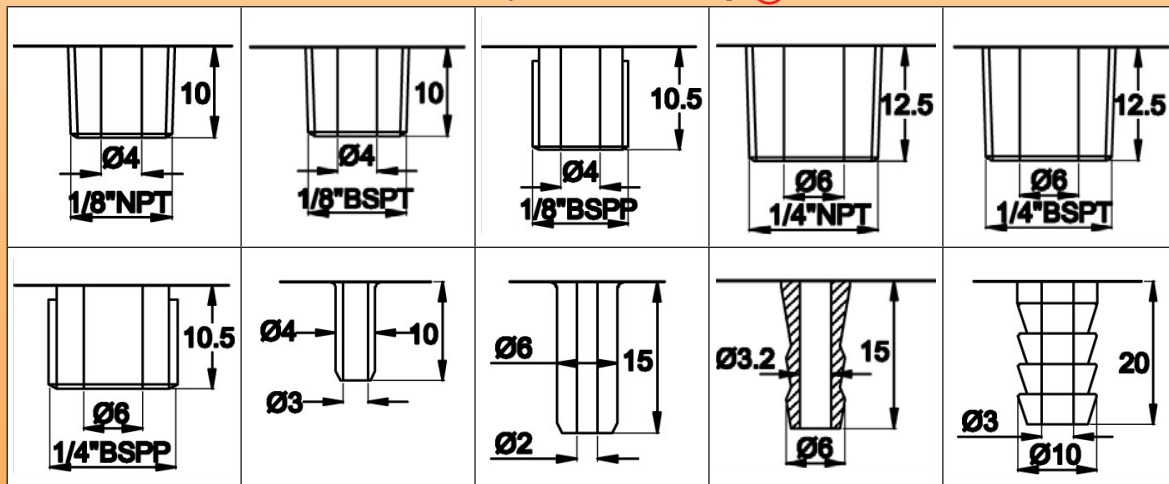
Slow action contact miniature vacuum switches, 6.35 x 0.8 mm terminals, metal fitting SPNO contact : Type ZF

DIMENSIONS



Uses: Low voltage, high sensitivity
Main applications: Electronic printed circuit. This vacuum switch is more sensible than snap action models and can be calibrated at lower pressure values. Very small differential.
Membranes: EPDM, dia 22 mm. Silicone or NBR on request
Fluid: air or water
Fitting: brass (stainless steel on request)
Pressure: negative (Vacuum)
Housing: PA66, UL94 VO
Contact: single pole normally open at atmospheric pressure, slow make.
Electrical rating:
 - Silver contact: max 1A 250V
 - Gold plated contact: max 100 mA, 24V
Action: momentary, close on vacuum increase (=decrease of absolute pressure).
Set point calibration: factory calibrated and sealed, not field adjustable
Set point calibration limits (relative pressure): standard calibration minus 50mbar, other values are achievable from minus 20 to minus 200 mbar
Electrical connection: two 6.35 x 0.8 mm quick connect terminals
Maximum pressure: 2 bars (29 PSI)
Maximum vacuum: minus 500 mbar (relative pressure)
Ambient temperature limits: 0 to 85°C

Available pressure inlet fittings ①



References (with calibration at minus 50 mbar and brass fitting):

| Pressure inlet | Silver contact | Gold plated contact |
|------------------------|------------------|---------------------|
| 1/8" NPT | ZF2X2REA05000000 | ZF2X2REG05000000 |
| 1/8" BSPT | ZF2X2PEA05000000 | ZF2X2PEG05000000 |
| 1/8" BSPP | ZF2X2LEA05000000 | ZF2X2LEG05000000 |
| 1/4" NPT | ZF2X2CEA05000000 | ZF2X2CEG05000000 |
| 1/4" BSPT | ZF2X2SEA05000000 | ZF2X2SEG05000000 |
| 1/4" BSPP | ZF2X22EA05000000 | ZF2X22EG05000000 |
| Smooth spout dia 4 mm | ZF2X23EA05000000 | ZF2X23EG05000000 |
| Spout dia 6 mm | ZF2X27EA05000000 | ZF2X27EG05000000 |
| Fluted spout dia 6 mm | ZF2X2JEA05000000 | ZF2X2JEG05000000 |
| Barbed spout dia 10 mm | ZF2X29EA05000000 | ZF2X29EG05000000 |

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

