

## Adjustable diaphragm pressure switch

### FT-P27MP

Miniature pressure switches with DIN 43650/A electric connection, IP65 protection degree (included). Body in OT58, SPDT contact

**Brass OT58**

**220Vac**

**SPDT**

**IP65**

**DIN 43650/A**

**Diaphragm**



## Technical information

### Technical description

The pressure switches of series FT-P27 can be supplied completed of IP65 DIN 43650/A connector. They are fully adjustable by an adjustment screw positioned under the connector in the middle of the pressure switch. They are made of a robust and reliable electric micro-switch that, on request, can be supplied in configuration 220Vac/6A.

### Materials

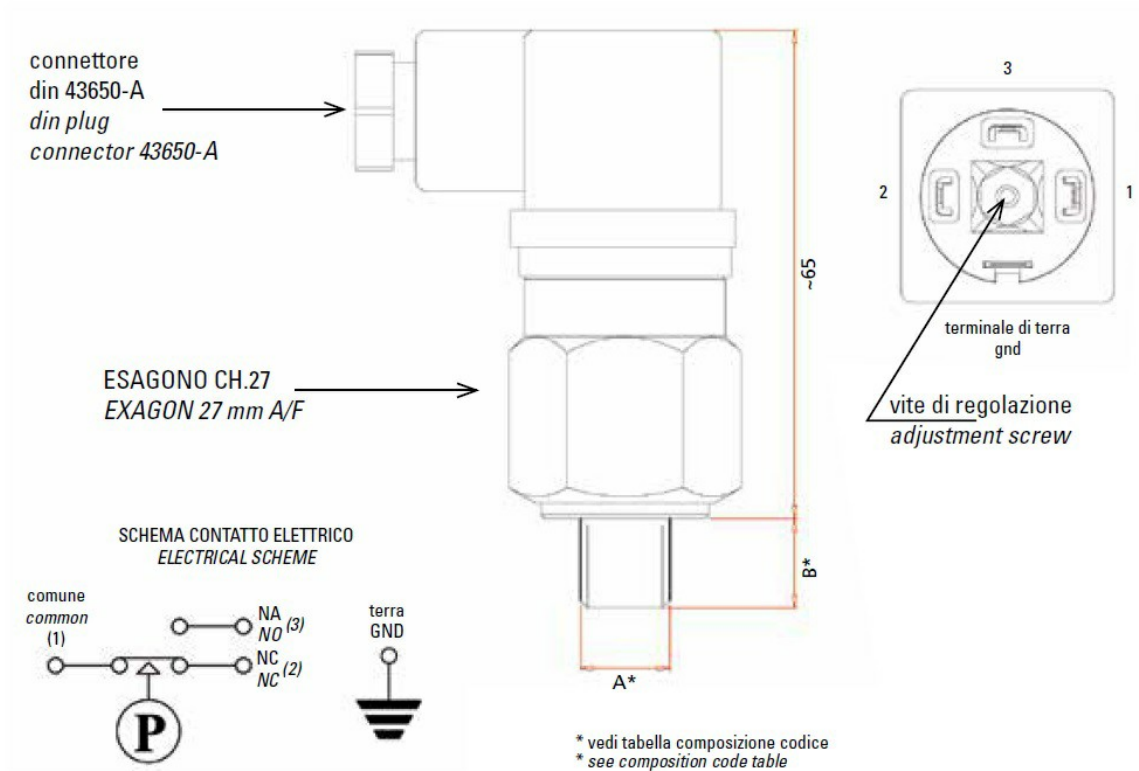
|   |  |
|---|--|
| <b>CORPO / BODY</b>                               | <b>Ottone/Brass</b>                        |
| <b>MEMBRANA-GUARNIZIONE / DIAPHRAGM-GASKET</b>    | <b>Di serie NBR / Standard NBR</b>         |
| <b>CONTATTI ELETTRICI / ELECTRICAL CONNECTION</b> | <b>Argentati / Silver Plated</b>           |
| <b>PLASTICA / PLASTIC HEAD</b>                    | <b>Nylon 6/6 fv. 30 / Nylon 6/6 fv. 30</b> |

### Technical data

|                                   |                                  |
|-----------------------------------|----------------------------------|
| <b>TENSIONE MAX</b>               | <b>SWITCHING RATING</b>          |
| 250V ac                           | 250V ac                          |
| <b>CARICO ELETTRICO RESISTIVO</b> | <b>RESISTIVE ELECTRICAL LOAD</b> |
| 0,5Amp                            | 0,5Amp                           |
| <b>MASSIMA PRESSIONE</b>          | <b>MAX STATIC PRESSURE</b>       |
| 80 Bar                            | 80 Bar                           |
| <b>TEMPERATURA DI UTILIZZO</b>    | <b>TEMPERATURE RANGE</b>         |
| -20 ÷ + 110 °C                    | -20 ÷ + 110 °C                   |
| <b>GRADO DI PROTEZIONE</b>        | <b>PROTECTION DEGREE</b>         |
| IP65                              | IP65                             |
| <b>FREQUENZA MAX DI LAVORO</b>    | <b>MAX WORKING FREQUENCY</b>     |
| 30 cicli/min                      | 30 cycles/min                    |
| <b>VITA MECCANICA</b>             | <b>MECHANICAL LIFE</b>           |
| 10 <sup>6</sup> cicli             | 10 <sup>6</sup> cycles           |
| <b>VITA ELETTRICA</b>             | <b>ELECTRICAL LIFE</b>           |
| 10 <sup>5</sup> cicli             | 10 <sup>5</sup> cycles           |
| <b>ISTERESI</b>                   | <b>HYSTERESIS</b>                |
| ~15% valore di taratura           | ~15% of setting point            |



## Dimensional tables and drawings



## Adjusting range (BAR)

| CAMPO DI REGOLAZIONE (Bar) /<br>ADJUSTING RANGE (Bar) | TOLLERANZA A 20° (Bar) /<br>TOLERANCE AT 20° (Bar) |
|---|--|
| 0,2 ÷ 1   | ~ ± 8%   |
| 0,5 ÷ 2   |  |
| 1 ÷ 10  |  |
| 10 ÷ 20   |  |
| 20 ÷ 50   |  |