

## Electronic Vacuum Switch

VSET - teachable

**FEZER**  
Simply move more.

### Description

Electronic vacuum switch with Piezo-Quarz technology in compact plastic housing with 1/8 connection. The switch has 2 adjustable switching exits, with self-learning adjustment by teach buttons. The vacuum switch excels by its compact design and its very precise technology. The vacuum switch has LED displays for switching point and programming operation.

### Application

- supervision of vacuum circuits
- optimizing of cycle and switching times
- compact design, any mounting position



VSET-1/8

### Article number

| Type        |             |
|-------------|-------------|
| VSET-1/8-M8 | 1.52.3.0047 |

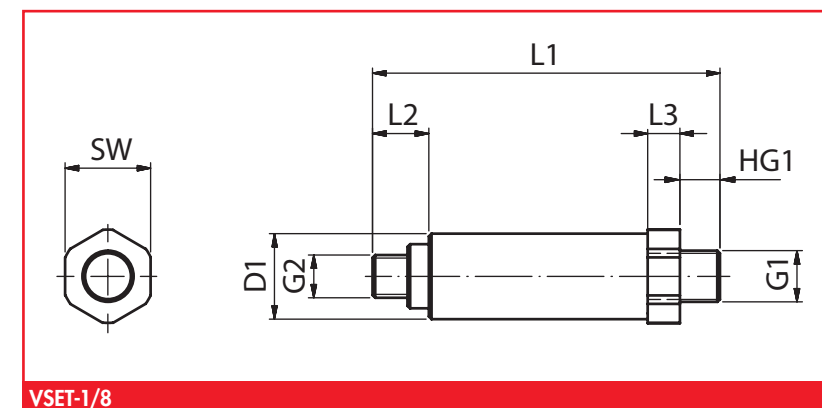
### Technical data

| Type                     |        | VSET-1/8                        |
|--------------------------|--------|---------------------------------|
| Measure medium           |        | dry, oilless unaggressive gases |
| Meas.range               | (bar)  | -1 ... 0                        |
| Overpressure safety      | (bar)  | 5                               |
| Fluid connection         |        | G1/8                            |
| Switching exit digital   | (mA/V) | 1x(125/30)                      |
| Switching logic          |        | NO/NC adjustable                |
| Switching range          |        | 0 ... 100% adjustable           |
| Switching exit analogous | (V)    | 1 ... 5                         |
| Hysteresis setting       |        | 0 ... 100% adjustable           |
| Condition display        |        | LED im Tastenfeld               |
| Repeat precision         |        | +/- 0,2 %                       |
| Reaction time            | (ms)   | < 2,5                           |
| Voltage                  | (V)    | 10,8 ... 30 DC                  |
| Current consumption      | (mA)   | < 30                            |
| max. Current             | (mA)   | 250                             |
| electrical Connection    |        | Plug M8 - 4 polig               |
| Protection class         |        | IP65                            |
| Temperature range        | (°C)   | -10 ... +50                     |
| Weight                   | (kg)   | 0,020                           |

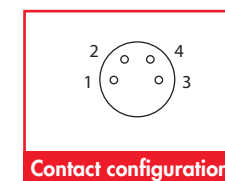
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Contact configuration

- 1 (brown) V +
- 2 (white) Switching exit analogous
- 3 (blue) V -
- 4 (black) Switching exit 1 digital

### Dimensions

| Type     | L1 | L2   | L3 | D1 | G1   | G2 | HG1 | SW |
|----------|----|------|----|----|------|----|-----|----|
| VSET-1/8 | 65 | 10,5 | 6  | 16 | G1/8 | M8 | 7,5 | 16 |