

### GENERAL CHARACTERISTICS

For applications where it is necessary to measure pressure, with local display, full adjustable via APP "MY VALCO" available on Android @ app store.

The power supply to the sensors is between 15 and 30 Vdc, and the output signal is available with 4...20 mA, or 0...10V, or 0...5V or 1...6V, M12 electrical connection.

Data logger function included as standard.

- Sensing element ceramic
- Full control via APP "MY VALCO".
- 2 x PNP switching output
- Degree of protection IP67



### PRESSURE RANGES

Tab.1

| Measuring ranges<br>Bar | Over pressure<br>Bar | Burst pressure<br>Bar | Code  |
|-------------------------|----------------------|-----------------------|-------|
| 0 – 0,2                 | 1,2                  | 2                     | 00002 |
| 0 – 0,4                 | 1,2                  | 2                     | 00004 |
| 0 – 0,6                 | 1,2                  | 2                     | 00006 |
| 0 – 1                   | 2                    | 4,8                   | 0001  |
| 0 – 1,6                 | 3,2                  | 4,8                   | 00016 |
| 0 – 2,5                 | 5                    | 7,5                   | 00025 |
| 0 – 4                   | 8                    | 12                    | 00004 |
| 0 – 6                   | 12                   | 15                    | 0006  |
| 0 – 10                  | 20                   | 25                    | 0010  |
| 0 – 16                  | 32                   | 40                    | 0016  |
| 0 – 25                  | 50                   | 75                    | 0025  |
| 0 – 40                  | 80                   | 100                   | 0040  |
| 0 – 60                  | 120                  | 180                   | 0060  |
| 0 – 100                 | 200                  | 300                   | 0100  |

### TECHNICAL DATA

Tab.2

| Description             |                                      | Code                       |
|-------------------------|--------------------------------------|----------------------------|
| Measuring element       | Piezoresistive with ceramic support. | PC                         |
| Power supply            | 10 ÷ 35 Vdc                          | -                          |
| Output signal           | 4 – 20 mA                            | 420                        |
|                         | 0 – 10 V switchable                  | 010                        |
| Current consumption     | ≤ 30mA                               | -                          |
| Housing alignment       | Display 335° rotatable               | -                          |
| Linearity<br>± 0,5 % FS | Accuracy<br>± 0,5 %                  | Temperature<br>-25 ÷ 85 °C |
| Electrical connection   |                                      | Protection<br>IP67         |
|                         |                                      | -                          |
|                         |                                      | Electrical connection      |
|                         |                                      | M12 x 1 - 4 poles plug     |
|                         |                                      | S3                         |

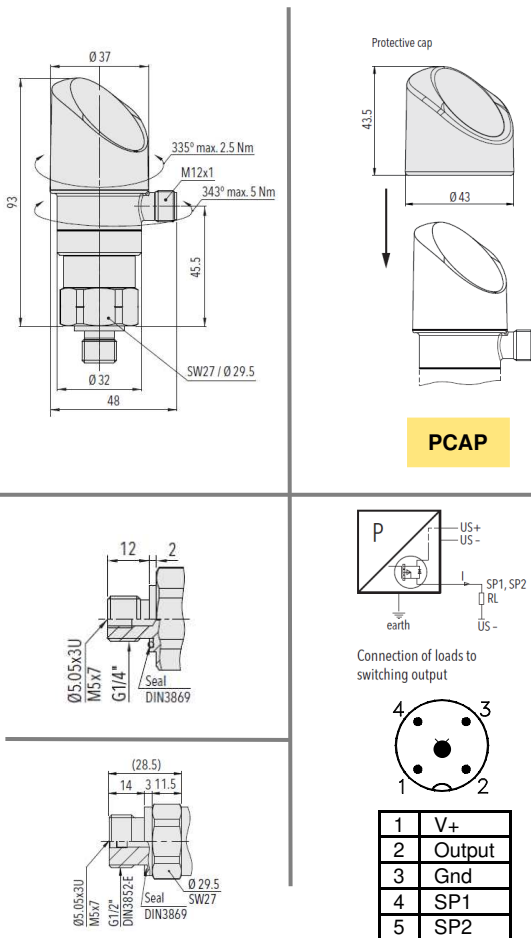
### PROCESS CONNECTION

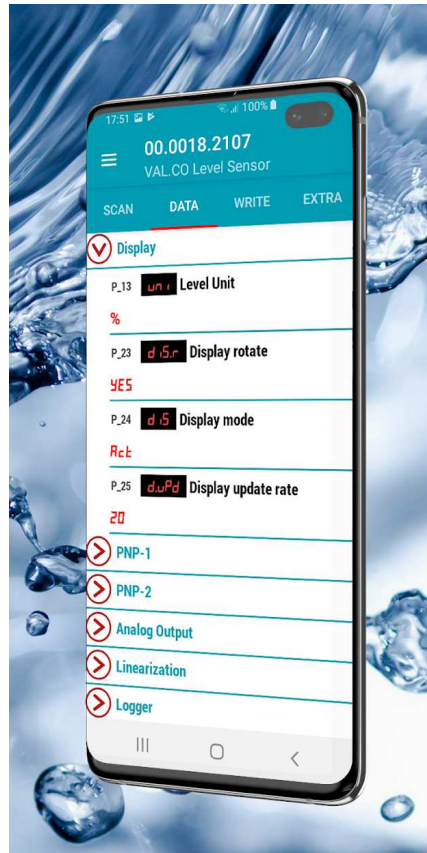
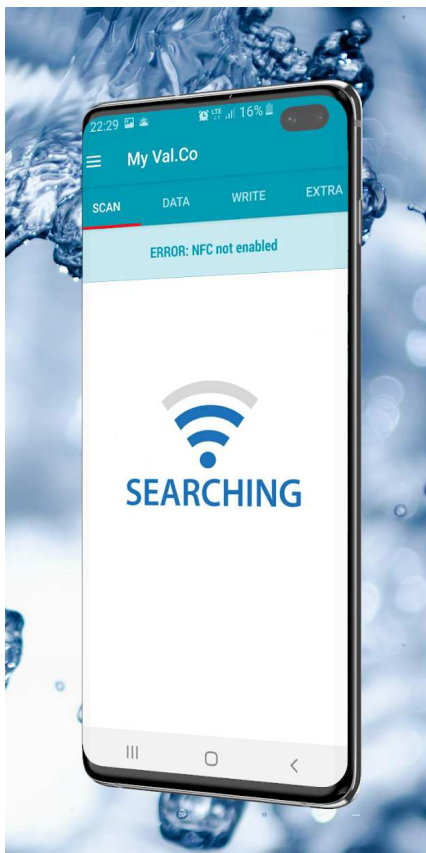
Tab.3

| Dimensions |            |       | Male thread |            |     | Materials      |
|------------|------------|-------|-------------|------------|-----|----------------|
| 08         | 15         | Other | G           | C          | N   | S              |
| 1/4"       | 1/2"       | (---) | UNI 228/1   | UNI 7/1    | NPT | S. S. AISI-316 |
| Standard   | On request |       | Standard    | On request |     |                |

### NOMENCLATURE

| TPD | 0040 | PC | 08GK | 420/010 | S3 | PCAP |                                                 |
|-----|------|----|------|---------|----|------|-------------------------------------------------|
| •   |      |    |      |         |    |      | Pressure transmitter                            |
|     | •    |    |      |         |    |      | Tab.1 Measuring range                           |
|     |      | •  |      |         |    |      | Tab.2 Measuring element                         |
|     |      |    | •    |         |    |      | Tab.3 Process connection dimension and material |
|     |      |    |      | •       |    |      | Tab.2 Output signal                             |
|     |      |    |      |         | •  |      | Tab.2 Electrical connection and output          |
|     |      |    |      |         |    | •    | Tab.1 Protection cap silicone if required       |





..... don't forget to download MyValco App  
.....the fastest way to setup your device

