


### GENERAL CHARACTERISTICS

This level switch, with its reduced overall dimensions and simplicity of installation, offers a reliable solution for the control of liquids in all applications where it is necessary to mount a lateral type. The standard version is for installation from inside the tank, on request, execution with possibility of mounting from outside the tank are available.

- Reed contact.
- Maximum working pressure 30 Bar.
- Maximum working temperature 110 °C
- Degree of protection IP65
- ATEX Exia  construction.



### TECHNICAL DATA Tab.1

| DN | Process connection   |                       | Float S.G. | Max. pressure Bar | Max. temperature °C | Hysteresis mm | Weight g |
|----|----------------------|-----------------------|------------|-------------------|---------------------|---------------|----------|
|    | Assembly from inside | Assembly from outside |            |                   |                     |               |          |
| 16 | M16 x 1,5            | On request            | 0,67       | 30                | 110                 | 8             | 190      |
|    |                      |                       |            |                   | Class               | L             |          |

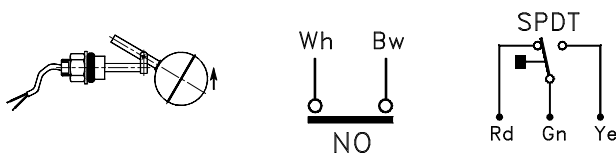
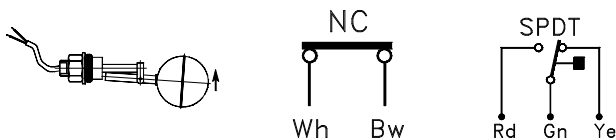
| Male thread |           | Body material |          | Float material |          | Lever mechanism material |          |
|-------------|-----------|---------------|----------|----------------|----------|--------------------------|----------|
| K           | M16 x 1,5 | S             | AISI-316 | S52            | AISI-316 | --                       | AISI-316 |

### ELECTRICAL CONTACT Tab.2

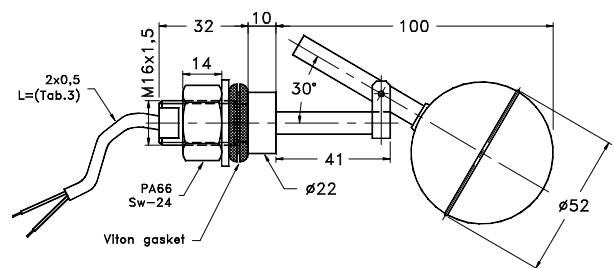
| Type |      | Power |    | Voltage |     | Current |     |
|------|------|-------|----|---------|-----|---------|-----|
|      |      | VA    | W  | AC      | DC  | AC      | DC  |
| 3    | SPST | 70    | 50 | 300     | 350 | 0,5     | 0,7 |
| 7D   | SPDT | 20    | 20 | 150     | 150 | 0,5     | 0,5 |

### WIRING Tab.3

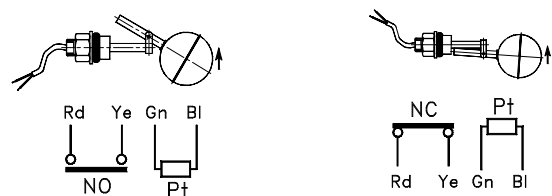
|            |        | Code |
|------------|--------|------|
| Cable      | 1,5 m. | C1   |
|            | 3,0 m. | C2   |
| Protection | -      | IP65 |



### DIMENSIONS mm.



### PT100 PT1000 OPTIONS Tab.4



### NOMENCLATURE

| L1 | S52 | SML | 3 | 16 | KS | C1L | PT100 |  |
|----|-----|-----|---|----|----|-----|-------|--|
| •  |     |     |   |    |    |     |       | - Lateral installation – 1 contact                 |
|    | •   |     |   |    |    |     |       | Tab.1 Float  |
|    |     | •   |   |    |    |     |       | - Type   |
|    |     |     | • |    |    |     |       | Tab.2 Electrical contact                           |
|    |     |     |   | •  |    |     |       | Tab.1 Process connection dimension                 |
|    |     |     |   |    | •  |     |       | Tab.1 Thread, process connection and body material |
|    |     |     |   |    |    | •   |       | Tab.1-3 Electrical output – temperature class      |
|    |     |     |   |    |    |     | •     | Tab.4 Pt 100 - Pt 1000 sensor option               |