


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 | |

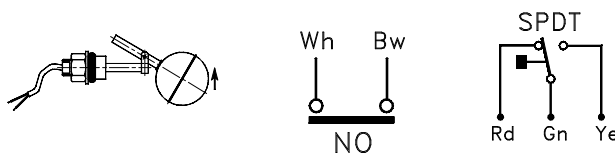
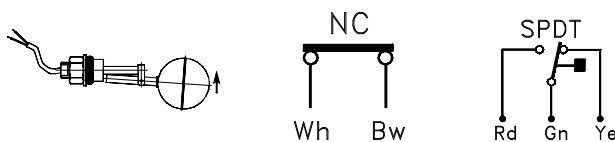
| Male thread | Body material | Float material | Lever mechanism material |
|-------------|---------------|----------------|--------------------------|
| K | M16 x 1,5 | S52 | -- |
| | | AISI-316 | AISI-316 |

ELECTRICAL CONTACT Tab.2

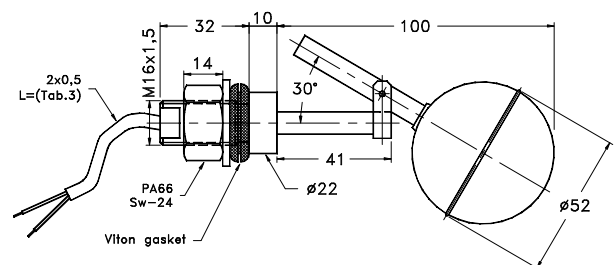
| Type | | Power | | Voltage | | Current | |
|------|------|-------|----|---------|-----|---------|-----|
| | | VA | W | AC | DC | AC | DC |
| 3 | SPST | 70 | 50 | 300 | 350 | 0,5 | 0,7 |
| 7D | SPDT | 20 | 20 | 150 | 150 | 0,5 | 0,5 |

WIRING Tab.3

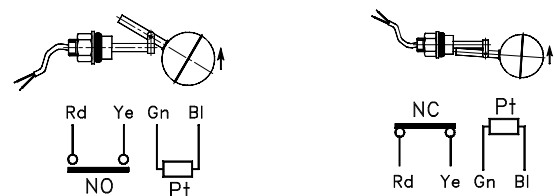
| | | Code |
|------------|--------|------|
| Cable | 1,5 m. | C1 |
| | 3,0 m. | C2 |
| Protection | - | IP65 |



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 |