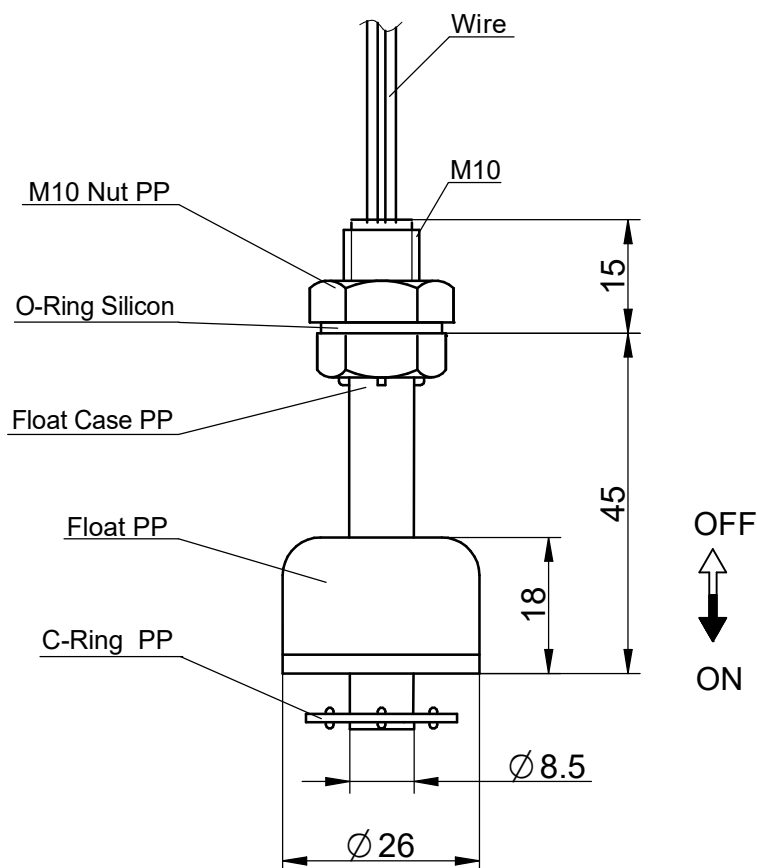


## MLS09 Level Sensors

- Features: Compact Single Level Vertical Mount Ls, Hight Power Switch Option, Other Cables & Connectors
- Applications: Level Control, Detection and Monitoring
- Markets: Automotive, Appliance, HVAC/R, Test & Measurement

[Outline Dimension]

Unit: mm DIM Tolerance: ±0.5



| Contact Data             |              |        | Environmental Data          |                     |                                                                         |
|--------------------------|--------------|--------|-----------------------------|---------------------|-------------------------------------------------------------------------|
| Max Contact Rating       | 10 W         | 100 W  | Vibration Resistance (max.) | 20 G                |                                                                         |
| Max Switch Voltage       | 180 V        | 1000 V | Shock Resistance (max.)     | 50 G                |                                                                         |
| Max Switch Current       | 0.5 A        | 1.0 A  | 1/2 sine wave duration 11ms |                     |                                                                         |
| Max Carry Current        | 1.25 A       | 2.5 A  | Temp.Rating                 | -30~+80℃            |                                                                         |
| Max Contact Resistance   | 150m Ohm     |        | Heat Shock                  | -40~+85℃            |                                                                         |
| Example of order marking |              |        |                             |                     |                                                                         |
| Product model            | Contact form |        | Switch characteristic       | Cable Length(mm)    | Special code                                                            |
| MLS01                    |              |        | 1A: 1 Form A                | 1: 10 W<br>3: 100 W | 1: 200; 2: 300; 3: 500<br>4: 1000; 5: 1500; 6: 2000<br>7: 3000; 8: 5000 |

|             |             |               |                        |            |
|-------------|-------------|---------------|------------------------|------------|
| Version: 01 | Designed by |               | TITLE<br>Level Sensors |            |
|             | Checked by  |               |                        |            |
|             | Approved by |               | P/N<br>MLS09           | Scale: 1:1 |
|             | Date        | 19th,Dec,2024 |                        | Page: 1/1  |