



**An ISO 9001-2015 Certified Company**

**Rotary Paddle**

|                                     |                                     |  |  |  |
|-------------------------------------|-------------------------------------|--|--|--|
| <b>SD-R2-Series</b>                 |                                     |  |  |  |
|                                     | <b>Name</b>                         | <b>Standard Rotary Paddle Level Switch</b> | <b>High Temperature Rotary Paddle Level Switch</b> | <b>Rotary Paddle Level Switch</b>        |
|                                     | <b>Model</b>                        | (1) SD-R2- 10F                             | (1) SD-R2-20F-H                                    | (1) SD-R2-40F                            |
|                                     |                                     | (2) SD-R2- 10S                             | (2) SD-R2-20F-T                                    | (2) SD-R2-10F                            |
|                                     |                                     | .....                                      | (3) SD-R2-20F                                      | (3) SD-R2-30F                            |
|                                     | <b>Power Supply</b>                 | 220 VAC (Optional 110VAC, 24VAC, 24 VDC)   | 220 VAC (Optional 110VAC, 24VAC, 24 VDC)           | 220 VAC (Optional 110VAC, 24VAC, 24 VDC) |
|                                     | <b>Contact Capacity</b>             | 220VAC 5A, DPDT                            | 220VAC 5A, DPDT                                    | 220VAC 5A, DPDT                          |
|                                     | <b>Medium Temperature</b>           | -10°C~80°C                                 | Max 200°C~800°C                                    | -10°C~80°C                               |
|                                     | <b>Power</b>                        | 3W   | 3W   | 3W                                       |
|                                     | <b>Rotating Speed of Paddle</b>     | 1rpm                                       | 1rpm   | 1rpm                                     |
| <b>Material of Paddle</b>           | SS304                               | SS304                                      | SS304  |  |
| <b>Paddle Size</b>                  | 40x100mm                            | 65x100mm                                   | 40x100mm   |  |
| <b>Electrical Connection</b>        | M20x1.5                             | M20x1.5                                    | M20x1.5  |  |
| <b>Specific Gravity of Material</b> | >0.4g/cm <sup>3</sup>               | >0.4g/cm <sup>3</sup>                      | >0.4g/cm <sup>3</sup>                              |  |
| <b>Installation Method</b>          | horizontal or vertical installation | horizontal or vertical installation        | only for vertical installation                     |  |

**Tuning Fork Level Switches**

|                            |                                     |  |  |  |
|----------------------------|-------------------------------------|--|--|--|
| <b>SD-YC-Series</b>        |                                     |  |  |  |
|                            | <b>Name</b>                         | <b>Standard Tuning Fork</b>                      | <b>Tuning Fork</b>                               | <b>Single-Rod Tuning Fork</b>                    |
|                            | <b>Model</b>                        | (1) SD-YC03                                      | (1) SD-YCO1SA-LM-200                             | (1) SD-YC02                                      |
|                            |                                     | (2) SD-YC01S                                     | (2) SD-YC71<br>(Explosion Proof Type)            | (2) SD-YC71<br>(Explosion Proof Type)            |
|                            | <b>Power Supply</b>                 | 24VAC/DC(Standard)<br>220 VAC, 110VAC (Optional) | 24VAC/DC(Standard)<br>220 VAC, 110VAC (Optional) | 24VAC/DC(Standard)<br>220 VAC, 110VAC (Optional) |
|                            | <b>Contact Capacity</b>             | 220VAC 5A, DPDT                                  | 220VAC 5A, DPDT                                  | 220VAC 5A, DPDT                                  |
|                            | <b>Medium Temperature</b>           | -10°C~80°C (high temperature type : max 150°C)   | -10°C~80°C (high temperature type : max 150°C)   | -10°C~80°C (high temperature type : max 150°C)   |
|                            | <b>Working Pressure</b>             | Less than 2MPa                                   | Less than 2MPa                                   | Less than 2MPa                                   |
|                            | <b>Density of Medium</b>            | Min.05g/cm <sup>3</sup>                          | Min.05g/cm <sup>3</sup>                          | Min.05g/cm <sup>3</sup>                          |
|                            | <b>Electrical Connection</b>        | M20x1.5  | M20x1.5  | M20x1.5  |
| <b>Wetted Material</b>     | SS304, SS316L<br>Coated with PTFE   | SS304, SS316L<br>Coated with PTFE                | SS304, SS316L<br>Coated with PTFE                |  |
| <b>Connection</b>          | 1" NPT (M)                          | 1" NPT (M)                                       | 1-1/2" NPT (M)                                   |  |
| <b>Installation Method</b> | Vertical or horizontal installation |  |  |  |