



**PRODUCT DESCRIPTION**

| Type                  | Standard   | Long Distance | High Sensitivity | Two Wires |
|-----------------------|--|---------------|------------------|-----------|
| Model                 | FR-1   | FR-1L         | FR-1H            | FR-2      |
| ON Resistance         | < 30KΩ   | < 4KΩ         | < 70KΩ           | < 30KΩ    |
| OFF Resistance        | > 60KΩ   | > 15KΩ        | > 300KΩ          | > 60KΩ    |
| Length of Cable       | < 1000M  | < 4000M       | < 50M            | < 800M    |
| Weight(Appr.)         | 130g   | 130g          | 130g             | 145g      |
| Power Supply          | AC110V or 230V or 380V ±20%, 50/60Hz   |               |                  |           |
| Electrode Voltage     | 14VAC  |               |                  |           |
| Current Consumption   | 3VA max.   |               |                  |           |
| Output Method         | Relay, 5A/250VAC   |               |                  |           |
| Response Time         | ON < 80ms, OFF < 160ms   |               |                  |           |
| Insulation Resistance | 100MΩ/500VDC   |               |                  |           |
| Dielectric Strength   | 2.5KV/1min.  |               |                  |           |
| Life of Relay         | Mechanical > 2x10 <sup>7</sup> Timers<br>Electrical > 5x10 <sup>6</sup> Timers |               |                  |           |
| Circumstance          | -20°C~+60°C,35%~85%RH  |               |                  |           |



| Accesorios y Electrodo  |            |  |                  |
|---|------------|--|------------------|
| Imagen  | Referencia | Descripción Características                              | Disponible para: |
|  | PS-3S      | Porta electrodos, tres electrodos, plástico, rosca: 2" G | Toda la Serie FR |
|  | PF-085A    | Base 8 pines, montaje riel                               |                  |