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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <p>LC0106</p> <p>High-Frequency Level Switch</p> <p>RELAY output</p> <p>High-temperature extension type</p> <p>L=250mm</p> <p>G1/2"A thread</p> <p>M12*1.0 socket</p> <p>Auto-learning function</p> <p>For powder,liquid,sticky liquid</p> |  |
| Application                                                                                                                                                                                                                                | Powder,liquid, suitable for sticky liquid                                          |
| Display                                                                                                                                                                                                                                    | Power indicator: green LED , Status indicator: red LED                             |
| Operating voltage[V]                                                                                                                                                                                                                       | 18...36DC                                                                          |
| Switch response time[s]                                                                                                                                                                                                                    | <1                                                                                 |
| Maximum power consumption[W]                                                                                                                                                                                                               | < 2W                                                                               |
| Output                                                                                                                                                                                                                                     | RELAY                                                                              |
| Relay Output load                                                                                                                                                                                                                          | 36V(DC)/1A                                                                         |
| NO/NC setting                                                                                                                                                                                                                              | Yes                                                                                |
| Learning switching point function                                                                                                                                                                                                          | Yes                                                                                |
| Medium temperature[°C/°F]                                                                                                                                                                                                                  | -40...+200/-40...+392                                                              |
| environment temperature[°C/°F]                                                                                                                                                                                                             | -40...+85/-40...+185                                                               |
| Operating pressure[bar]                                                                                                                                                                                                                    | Max. 40 bar                                                                        |
| Thread connection                                                                                                                                                                                                                          | G1/2"A                                                                             |
| Measuring length[mm]                                                                                                                                                                                                                       | 250                                                                                |
| Connection                                                                                                                                                                                                                                 | M12 socket                                                                         |
| Housing material                                                                                                                                                                                                                           | Stainless steel 316L                                                               |
| Probe material                                                                                                                                                                                                                             | PEEK                                                                               |
| Probe material/Wetted Parts                                                                                                                                                                                                                | IP68/IP69K*                                                                        |
| EMC                                                                                                                                                                                                                                        | ESD 6KV III                                                                        |
|                                                                                                                                                                                                                                            | EFT 2KV III                                                                        |
|                                                                                                                                                                                                                                            | Surge immunity test 500V I                                                         |

|                               |                                                               |
|-------------------------------|---------------------------------------------------------------|
| Walkie talking experiment[mm] | < 5                                                           |
| Dimension[mm]                 |                                                               |
| Panel and M12 Connection      |                                                               |
| Drawing                       |                                                               |
| Note*                         | Use sanitary adapter to upgrade to IP69K (Optional accessory) |