

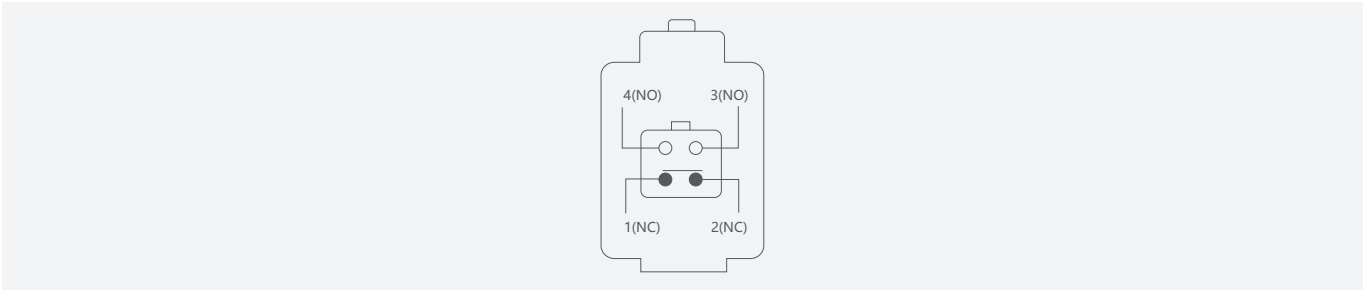
Industrial equipment and switches

HL Limit Switch

Characteristics / Application

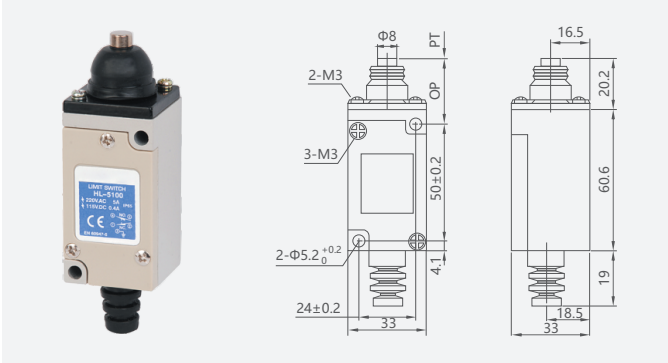
| Operation speciality              |                                                  | Mode | HL-5000 | HL-5030 | HL-5050 | HL-5100                            | HL-5200  | HL-5300 |
|-----------------------------------|--------------------------------------------------|------|---------|---------|---------|------------------------------------|----------|---------|
| OF (max)                          |                                                  |      | 750g    | 750g    | 750g    | 900g                               | 900g     | 150g    |
| RF (min)                          |                                                  |      | 100g    | 100g    | 100g    | 150g                               | 150g     | -       |
| PT (max)                          |                                                  |      | 20°     | 20°     | 20°     | 1.5mm°                             | 1.5mm°   | 3mm     |
| OT (min)                          |                                                  |      | 50°     | 50°     | 50°     | 4mm                                | 4mm      | -       |
| MD (max)                          |                                                  |      | 12°     | 12°     | 12°     | 1mm                                | 1mm      | -       |
| OP                                |                                                  |      | -       | -       | -       | 30±0.8mm                           | 30±0.8mm | -       |
| Protection degree                 |                                                  |      |         |         |         | IP67                               |          |         |
| Life                              | Mechanical                                       |      |         |         |         | Ten million times above            |          |         |
|                                   | Electrical                                       |      |         |         |         | 500000 above                       |          |         |
| Operation speed                   |                                                  |      |         |         |         | 5mm~0.5m/s                         |          |         |
| Operation frequency               | Mechanical                                       |      |         |         |         | 120 times/m                        |          |         |
|                                   | Electrical                                       |      |         |         |         | 30 times/m                         |          |         |
| Insulation resistance             |                                                  |      |         |         |         | 100MΩ DC500V                       |          |         |
| Contact resistance                |                                                  |      |         |         |         | Under 25mΩ (Initial value)         |          |         |
| With stand voltage (50/60Hz 1min) | Between the terminals of same pole               |      |         |         |         | AC 1000V                           |          |         |
|                                   | Between charged metal parts                      |      |         |         |         | AC 1500V                           |          |         |
|                                   | Between non-charged metal parts of each terminal |      |         |         |         | AC 1500V 10~55Hz (Amplitude 1.5mm) |          |         |
| Vibration                         | Misoperation                                     |      |         |         |         | AC 250V 5A                         |          |         |
| Load                              |                                                  |      |         |         |         | AC 380V 5A                         |          |         |
|                                   |                                                  |      |         |         |         | DC 125V 5A                         |          |         |
|                                   |                                                  |      |         |         |         | DC 250V 5A                         |          |         |

Contact form

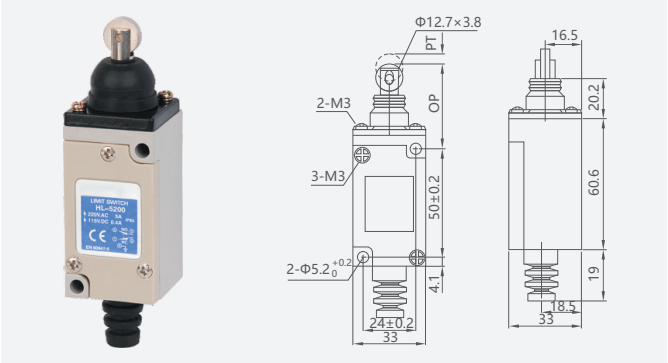


External appearance size

HL-5100



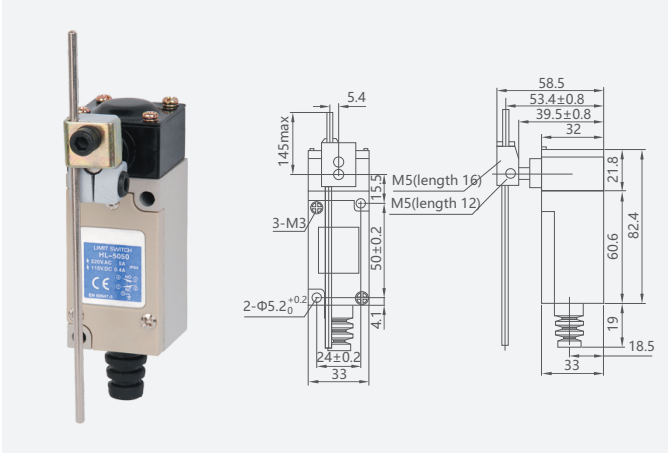
HL-5200



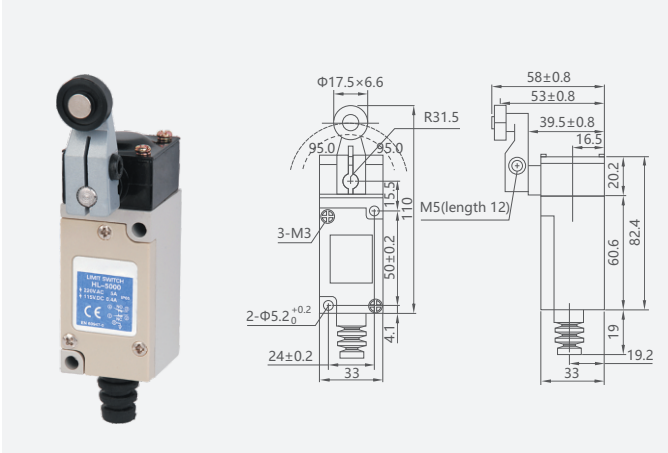
Industrial equipment and switches

HL Limit Switch

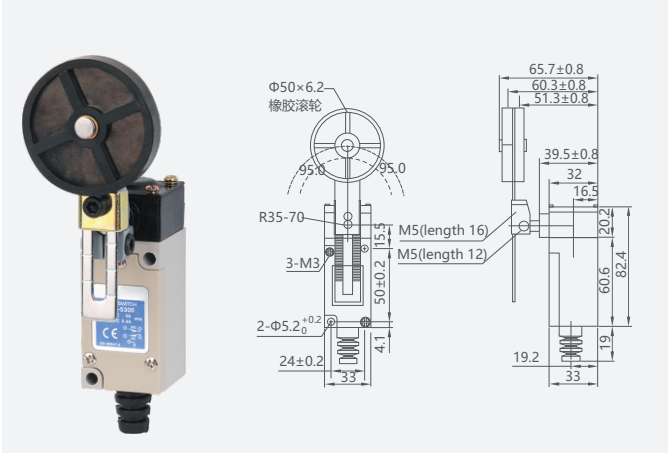
HL-5050



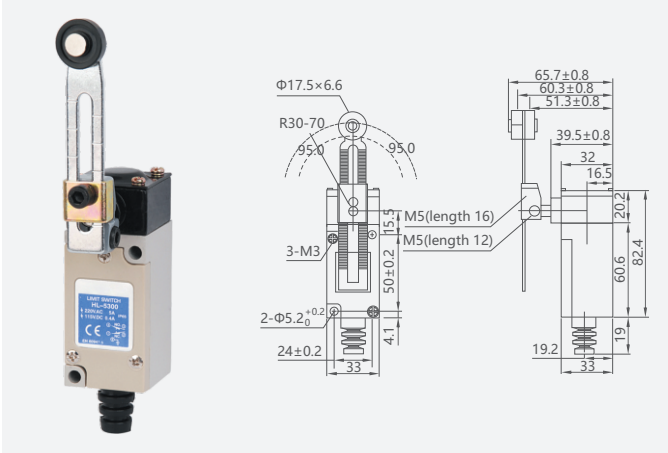
HL-5000



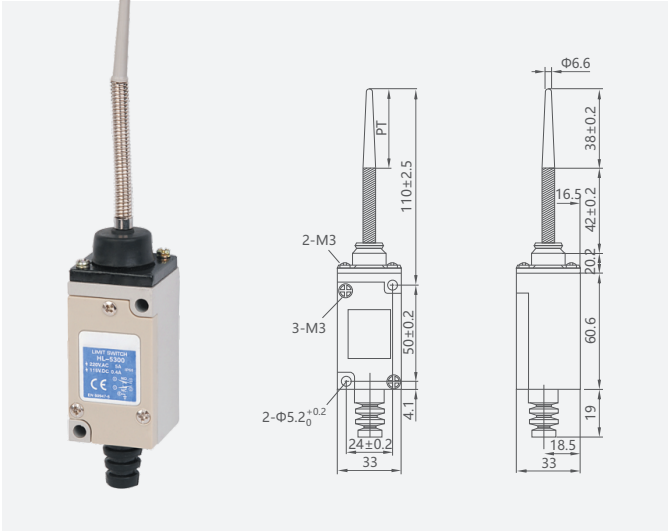
HL-5030-L



HL-5030



HL-5300



HL-5301

