**Applications**

- Automation equipment
- Automatic machines
- Automatic equipment
- Automatic motion
- Automatic parts
- Automatic track
- Automatic handling
- Automatic lifting
- Automatic screw
- Automatic \& soft
- Automatic \& easy

**HW2L LAH2 Type**

- **Position feedback specifications (Hall sensor)**
  - Supply voltage: 24VDC
  - Output: High level 22VDC, Low level 0.2V/5mA sink
  - Resolution: 0.4mm/pulse

- **Screw type**: Ball screw (ACME)
- **Weight**: 3.1kg
- **Protection**: IP 54
- **Compatible**: LAK2/LAK2B
- **Controller**: Automation equipment
- **Applications**
  - Automatic windows and doors
  - Automatic cupboard
  - Automatic satellite antenna
  - Automatic wheel chair
  - Automatic hospital bed
  - Entertainment facilities
  - Household appliances
  - Automatic drawing table
  - Home care facilities
  - Patient lifter
  - Massage chair
  - Traffic facilities
  - Office automation
  - Automatic PC desk
  - Health cares facilities
  - Facilities of senior Citizen
### LAH2 Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Screw type</th>
<th>Thrust (N)</th>
<th>Holding force (N)</th>
<th>Speed (mm/s)</th>
<th>Load=Max / Load=0</th>
<th>Duty</th>
<th>Max. current (A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAH2-1A</td>
<td>ACME</td>
<td>6000</td>
<td>5000</td>
<td>4/6</td>
<td>100</td>
<td>150</td>
<td>200</td>
</tr>
<tr>
<td>LAH2-2A</td>
<td>ACME</td>
<td>5000</td>
<td>5000</td>
<td>5/7.5</td>
<td>100</td>
<td>150</td>
<td>200</td>
</tr>
<tr>
<td>LAH2-3A</td>
<td>ACME</td>
<td>3000</td>
<td>3000</td>
<td>9/14</td>
<td>100</td>
<td>150</td>
<td>200</td>
</tr>
<tr>
<td>LAH2-1B</td>
<td>Ball screw</td>
<td>6000</td>
<td>5000</td>
<td>5/7.5</td>
<td>100</td>
<td>150</td>
<td>200</td>
</tr>
</tbody>
</table>

* Holding force (push direction only)

### LAH2 Ordering Information

- Special models according to client’s requirement
- Serial number: Ignore this part of the serial number if not available
- Voltage: 24VDC

---

* Load (N)
  - 0.00
  - 5.00
  - 10.00
  - 15.00
  - 20.00
  - 25.00
- Speed (mm/s)
  - 0
  - 1000
  - 2000
  - 3000
  - 4000
  - 5000
  - 6000
- Current (Amp)
  - 0
  - 1
  - 2
  - 3
  - 4
  - 5
  - 6
For Series LAH, LAS, LAF, LAI and LAM

Ordering Information

Actuator No. 1
F: LAF ; I: LAI
S: LAS ; M:LAM
1: LAH1;2:LAH 2

Special models according to client's requirement

Ignore this part of the serial number if not available

Actuator No. 2
0: NO; I: LAI
F: LAF ; S: LAS
M: LAM ;
1: LAH1;2:LAH2

Color
B: Black
G: Gary

Input Voltage
100: AC100V; 110: AC110V
220: AC220V; 230;AC230V
**Features of LAK28**

- Current or LL output available
- Compact size
- High output precision
- High output stability
- Low-cost scale height
- Flow rate outputs available
- Automatically adjust to the accuracy of flow
- Battery-powered (4-20 mA)

**Current vs. Flow Rate Graph**

<table>
<thead>
<tr>
<th>Flow Rate (L/min)</th>
<th>Current (mA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>3</td>
<td>7</td>
</tr>
<tr>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>5</td>
<td>9</td>
</tr>
<tr>
<td>6</td>
<td>10</td>
</tr>
<tr>
<td>7</td>
<td>11</td>
</tr>
<tr>
<td>8</td>
<td>12</td>
</tr>
<tr>
<td>9</td>
<td>13</td>
</tr>
<tr>
<td>10</td>
<td>14</td>
</tr>
</tbody>
</table>

**LAK28 Type**

[Diagram of LAK28 Type]

- Rated voltage: 24 V DC
- Low power consumption
- Output current: 4-20 mA
- Operating temperature: -10°C to 50°C
- Storage temperature: -40°C to 70°C
- Dimensions: L x W x H
**Features of LAP3**

- Control up to 2 actuators
- Compatibility with LAK2B
- Ergonomic design
- Standard cable length: coil 600mm; total 1100mm
- LED for battery capacity
- Protection: IP 66
- A mankind figure is optional

**LAP3 Ordering Information**

<table>
<thead>
<tr>
<th>Model number</th>
<th>Actuator No.</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAP3</td>
<td>2</td>
<td>G</td>
</tr>
</tbody>
</table>

**Additional Information**

- **Control of max. 2 Actuators**
- **Compatible with LAK2B**
- **Ergonomic design**
- **Standard cable length: coil 600mm; total 1100mm**
- **LED for battery capacity**
- **Protection: IP 66**
- **A mankind figure is optional**

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