

Soft Gripper Development Kit 1.0

ACU2-B +V1 two-finger module combination mode with no extra air pump, plug and play, novice can quickly start, can help you quickly verify grasping scheme, suitable for clamping small, thin workpiece.



ACU2-B



FM-B4V1/LS1

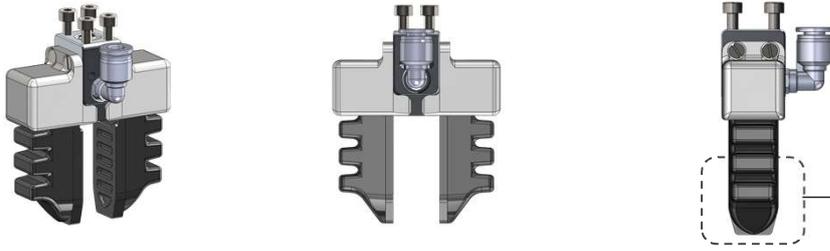




扫一扫看视频

FM -B4V1 / LS1

免费3D图库下载



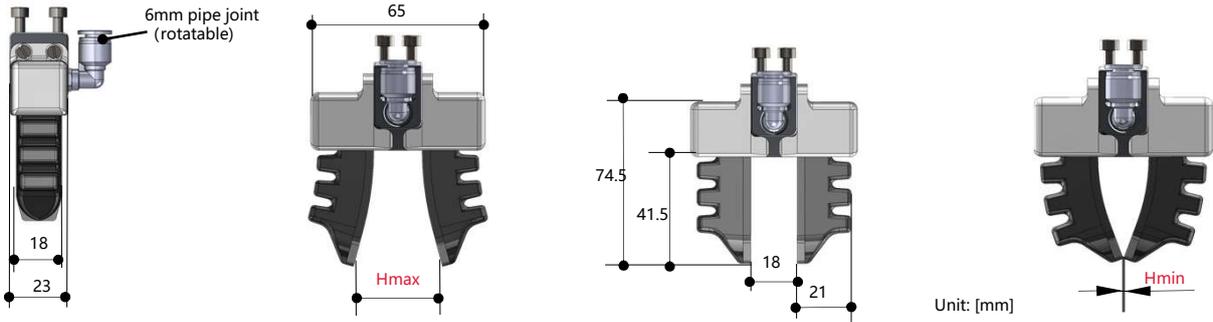
| Shape | |
|-------|--|
| LS1 | Flat head pattern, good versatility, wear resistance, suitable for food, metal, plastic and other rough workpiece surface. |
| | |

| Normal | | Normal Anti-Static | | Strong | | Strong Anti-static | | | |
|--------------------------------|--------------------------------|------------------------|----------|------------------|--------------------------------|--------------------------------|------------------------|----------|------------|
| FM-B4V1/LS1[P] | | FM-B4V1/LS1[PAS] | | FM-B4V1/LS1[H] | | FM-B4V1/LS1[HAS] | | | |
| Leadtime: 3 days | | Leadtime: 15 days | | Leadtime: 3 days | | Leadtime: 15 days | | | |
| BLACK | | | | GREY | | | | | |
| 正压行程 (P=100kPa) Hmin(mm) | 负压行程 (P=-80kPa) Hmax(mm) | Safe pressure [kPa] | Load [g] | Weight [g] | 正压行程 (P=250kPa) Hmin(mm) | 负压行程 (P=-80kPa) Hmax(mm) | Safe Pressure [kPa] | Load [g] | Weight [g] |
| 0 | 44 | ⚠️ 120 | 340 | 85 | 0 | 38 | ⚠️ 300 | 380 | 85 |

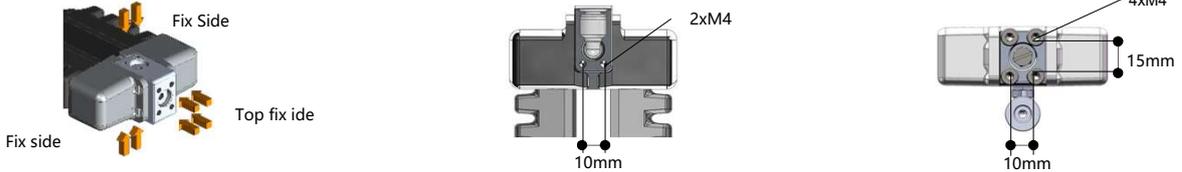
⚠️ Do not directly connect the flexible gripper to the high-pressure air source, because overpressure will cause irreversible damage, resulting in a sharp decrease in product life or direct damage.

⚠️ The recommended load is only used as the reference for selection. The actual load is not only related to the module model, but also related to the shape of the workpiece, clamping envelope, motion speed, workpiece surface friction coefficient and other factors. For specific effect, please consult professional technician.

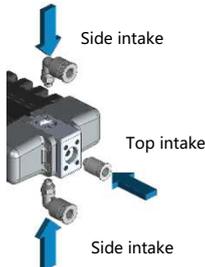
FM
手指模块



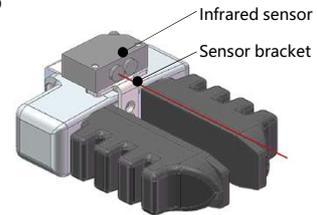
Fix way



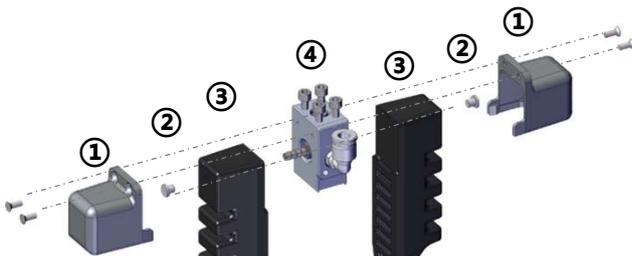
Intake way



•Add sensor clamp detection



Installation



Spare parts:

- ① Cover
- ② Plug
- ③ Finger
- ④ Block

ACU2-B Compact Control Unit

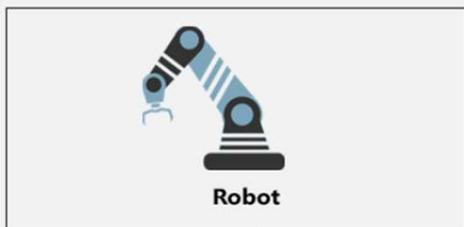


Easy drive

Plug and play, Compact and Convenient

Connect Method

Auto control



Control Unit



ACU2-B

Gripper Action

Vacuum

Atmosphere Positive pressure



Best couple for desk Robot

Low noise pneumatic way

Less than 47dB



Standard



Parameter

| | |
|-------------------------|---|
| Model: | ACU2-B |
| Power: | 18W |
| Voltage: | 24V |
| Pressure: | -85~100kPa |
| Positive pressure flow: | 4L/min |
| Negative pressure flow: | 4L/min |
| Size: | 158×120×75 mm |
| Weight: | 980g |
| Shell material: | Anodic oxidation of aluminum alloy |