

## Ideal for anti-absentmindedness in assembly lines

The **SL-VPK01** is a pipe attachment type picking switch.



### Suitable for short shelves

The switch is so compact (90 mm 3.543 in wide) that it can be attached to short shelves for miniature parts.

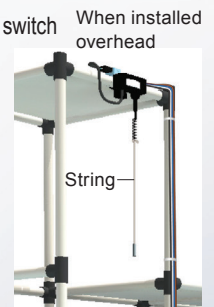
### Durable switch section

Magnetic type (hall element) non-contact switch is used.

### Easy lever switch operation

The lever switch can be operated back and forth, left and right, and even downward, a direction in which standard switches cannot be used.

A string can also be attached to the switch to pull down, allowing the switch to be installed at a high location.



### Easy installation with connector cable

Adding switches to, and removing switches from, the picking system is easy using the connectors.



### Lamp colors selectable

It can be selectable from green (default), red, blue, and a two-stage indication\*.

\*The address configuration remote control (sold separately) is required in order to select the lamp color.



Address setting remote controller **SL-VAR1** (Optional)

### Up to 256 picking switches can be connected to one S-LINK V control unit

The **SL-VPK01** has one input and one output. Since each **S-LINK V** control unit has 512 inputs and outputs, up to 256 **SL-VPK01** units can be connected.

### Set and check the address with a remote control

It's easy to set the address and select the lamp color with the **SL-VAR1** address setting remote controller (optional).

This approach dramatically reduces work by eliminating the need to turn setting switches on and off and memorize switch combinations as in the past. Additionally, the remote control can be used to check the current settings.

### Improve productivity using picking system

Due to considerable lack of skilled operators recently, an enormous amount of time is required to train operators. Installing the picking system allows even novice operators to perform assembly properly according to the lighting sequence of the picking indicator. In addition, the picking system performs checks each time a part is picked up, and warns the operator when an incorrect part is picked up, which reduces manufacturing defects and improves productivity.

# SYSTEM CONFIGURATION

**S-LINK V control units**

- For RS-485 / RS-232C: **SL-VGU1-485**
- For EtherCAT: **SL-VGU1-EC** **NEW**
- For CC-Link: **SL-VGU1-C**
- For DeviceNet: **SL-VGU1-D**
- FP2 / FP2SH series: **SL-VFP2**
- For PCI bus: **SL-VPCI** (Windows® 7-compliant)
- For VME bus: **SL-VVMES2**
- For Mitsubishi Electric Corp. MELSEC-Q series: **SL-VMEL-Q**

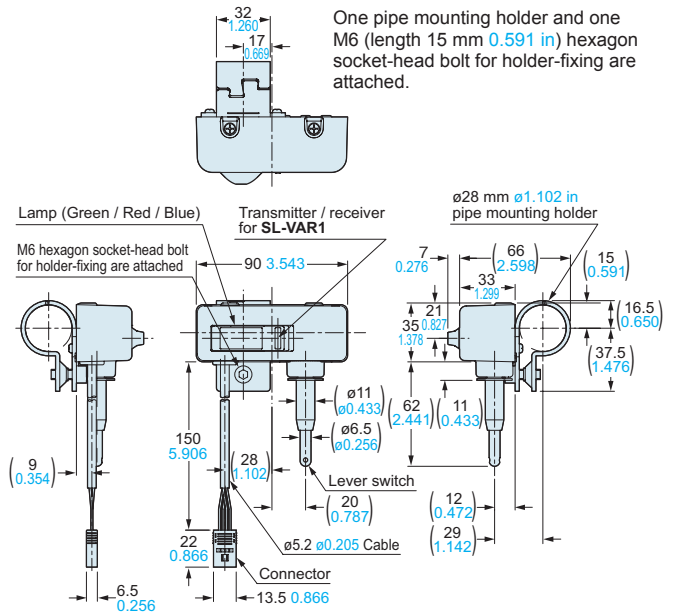
**I/O units:**

- Picking switch: **SL-VPK01** **NEW**
- I/O unit: **SL-VCH**
- I/O connector unit: **SL-VTJ**
- I/O terminal: **SL-VTB**

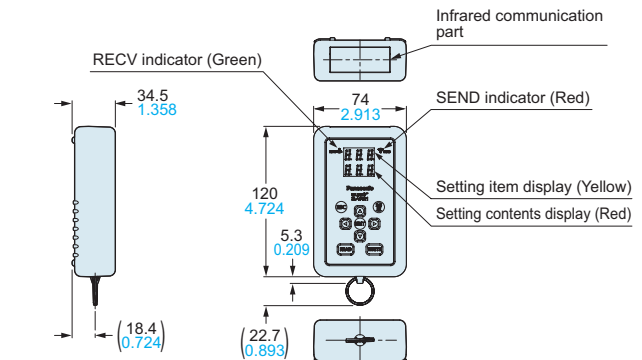
## DIMENSIONS (Unit: mm in)

The CAD data in the **SL-VPK01** can be downloaded from our website.

### SL-VPK01 Picking switch



### SL-VAR1 Address setting remote controller (optional)



### Mounting

- Install the this product on  $\varnothing 28$  mm  $\varnothing 1.102$  in pipe.

## SPECIFICATIONS

Item	Designation	Picking switch
Model No.	<b>SL-VPK01</b>	
Supply voltage	24 V DC $\pm 10\%$ (supplied from the S-LINK V control unit. A separate power supply can also be used.)	
Current consumption	24 V - 0 V line: 25 mA or less (When lamp is off)	
Communications mode	B mode, C mode	
Address setting (using optional remote controller)	Input address (lever switch): 0 to 255 Output address (lamp): Select an offset of +32, +64, +128, or +256 for the input address	
Lever switch (Input)	When the lever switch is tilted 15° or more, the input goes ON. When the lever switch is pulled 1.6 mm 0.063 in, or more, the input goes ON.	
Lamp (Output)	Lamp color (LED): Select from green (default), red, blue, and a two-stage indication. Lamp lights up and turns off when the output signal from the signal transmission line turns on and off, respectively.	
Ambient temperature	0 to +50 °C +32 to +122 °F (No dew condensation), Storage: -20 to +60 °C -4 to +140 °F	
Ambient humidity	35 to 85 % RH, Storage: 35 to 85 % RH	
Material	Enclosure: Polycarbonate, Lamp cover: Polycarbonate Rear case: SGMCC, Pipe mounting holder: Cold rolled carbon steel (SPCC)	
Cable	4-core cabtyre cable, 0.15 m 0.492 ft long (With a male hook-up connector SL-CP2)	
Net weight	200 g approx.	

Item	Designation	Address setting remote controller
Model No.	<b>SL-VAR1</b>	
Supply voltage	AAA alkaline batteries: 2 pcs (Note)	
Auto sleep	Incorporated (3 minutes)	
Transmission method	Infrared (Peak emission wavelength: 940 nm 0.037 mil)	
Setting distance (Max)	100 mm 3.973 in or less	
Ambient temperature	5 to +45 °C +41 to +113 °F (No dew condensation), Storage: 0 to +55 °C -32 to +131 °F	
Ambient humidity	35 to 85 % RH, Storage: 35 to 85 % RH	
Material	Enclosure: ABS, Control panel: Polycarbonate Communications window cover: Polycarbonate Cover: Silicone, Mounting clip: Nylon, Keyring: SWRM6	
Net weight	160 g approx. (excluding batteries)	

Note: Batteries not included. Please purchase separately.