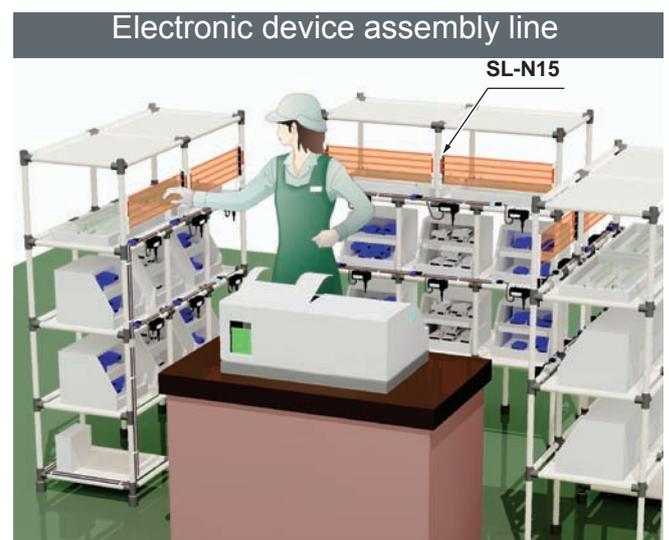


Ideal for "Poka-yoke" in assembly lines

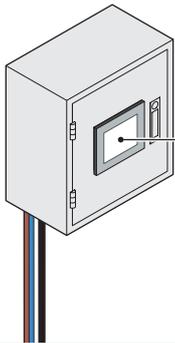
The **SL-PK01** is a pipe attachment type picking switch. This prevents operators from picking up the wrong parts or omitting parts attachment, and can be attached by simply connecting the connectors.



Improve productivity using picking system

Installing the picking system allows operators to perform sequentially pick and place parts based on 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



• Programmable displays • S-LINK control units

GT series
TFT color
GT32T-E



FPΣ
S-LINK unit
FPG-SL



FP0 S-LINK
control unit
FP0-SL1



FP2 / FP2SH
S-LINK unit
FP2-SL2



For CC-Link
SL-GU1-C



For DeviceNet
SL-GU1-D



For PC/104 bus SL-PC104



For ISA bus SL-PCAT



Note: When establishing a small scale picking system, please use Panasonic's compact PLC and programmable display.

For picking up large parts using both hands S-LINK direct hook-up picking sensor SL-N15



- Sensing range: 0.2 to 3 m **0.656 to 9.843 ft**
- Sensing height: 100 mm **3.937 in**
- Sensing object: $\phi 35$ mm **$\phi 1.378$ in** or more opaque object (completely light-shielded object)
- Supply voltage: 24 V DC ± 10 % (Note)
- Current consumption: Emitter 30 mA or less, Receiver 40 mA or less

Note: Supplied from the S-LINK control unit. A separate power supply can also be used.

Caution

Use a non-gloss pipe.
Install a sensor to prevent light reflected from the pipe from entering.

SPECIFICATIONS

Item	Model No.	SL-PK01
Supply voltage		24 V DC ± 10 % (Supplied from the S-LINK control unit. A separate power supply can also be used.)
Current consumption		25 mA or less
FAN-in		2.2
Input operation		When the lever switch is tilted 15° or more, the input goes ON. Tension strength: 3N approx.
Number of I/O		1 input and 1 output
Lamp		Green (Lights up when the output signal from the signal transmission line goes ON.)
Ambient temperature		0 to $+50^\circ\text{C}$ $+32$ to $+122^\circ\text{F}$ (No dew condensation) Storage: -20 to $+60^\circ\text{C}$ -4 to $+140^\circ\text{F}$
Ambient humidity		35 to 85 % RH, Storage: 35 to 85 % RH
Material		Enclosure: Polycarbonate Lamp cover: Polycarbonate
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.

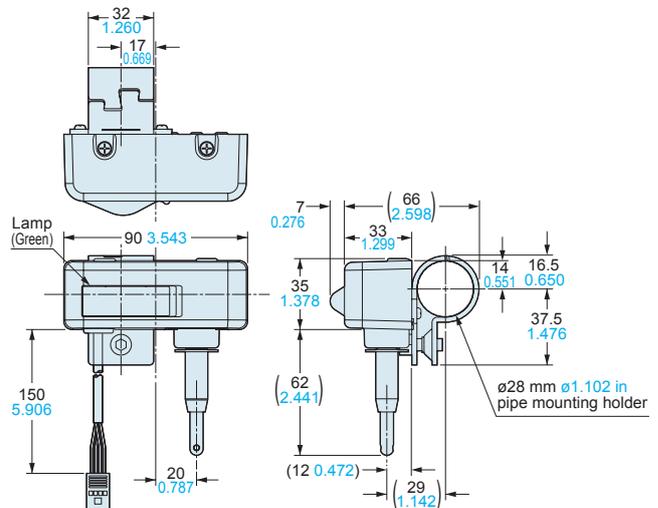
Mounting

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

DIMENSIONS (Unit: mm in)

SL-PK01

Picking switch



One pipe mounting holder and one M6 (length 15 mm **0.591 in**) hexagon socket-head bolt for holder-fixing are attached.