

Sensor Connector

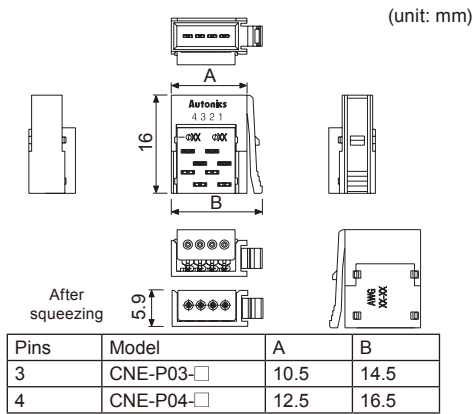
Cover color and wire specifications

Cover color	3-pin	4-pin	Applied wire specifications	
			Normal cross section area(mm ²)	Cover diameter(mm)
Transparent(WT)	CNE-□03-WT	CNE-□04-WT	0.05 to 0.08 (AWG30 to 28)	∅0.6 to 0.8
Yellow-Green(YG)	CNE-□03-YG	CNE-□04-YG		∅0.8 to 1.0
Violet(VT)	CNE-□03-VT	CNE-□04-VT		∅1.0 to 1.2
Red(RE)	CNE-□03-RE	CNE-□04-RE	0.13 to 0.21 (AWG26 to 24)	∅0.8 to 1.0
Yellow(YW)	CNE-□03-YW	CNE-□04-YW		∅1.0 to 1.2
Orange(OG)	CNE-□03-OG	CNE-□04-OG	0.32 to 0.5 (AWG22 to 20)	∅1.2 to 1.6
Green(GN)	CNE-□03-GN	CNE-□04-GN		∅1.0 to 1.2
Blue(BL)	CNE-□03-BL	CNE-□04-BL		∅1.2 to 1.6
Gray(GY)	CNE-□03-GY	CNE-□04-GY		∅1.6 to 2.0

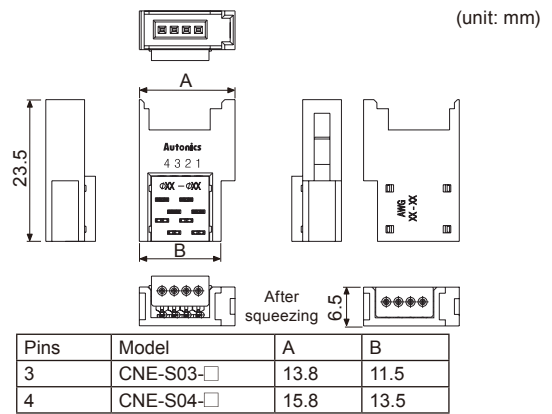
※ □ : P(Wire mount plug), S(Wire mount socket)

Dimensions

Wire mount plug

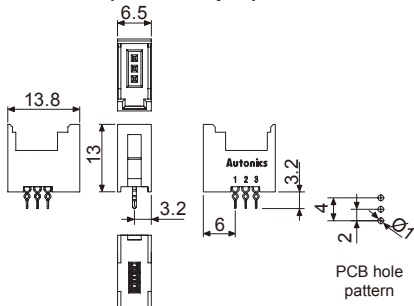


Wire mount socket

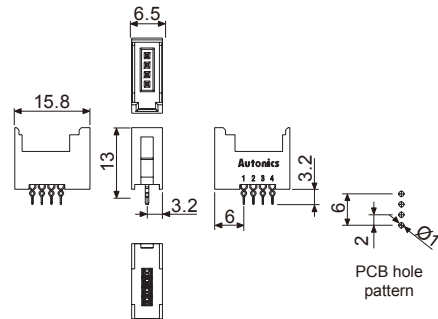


Board mount socket

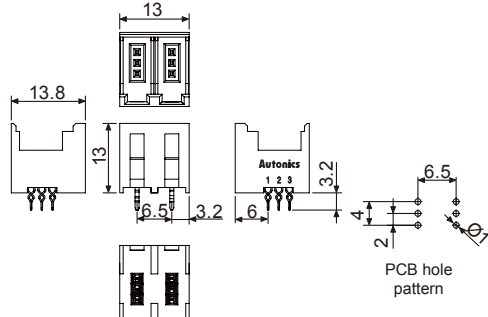
● CNE-B03(1-line×3-pin)



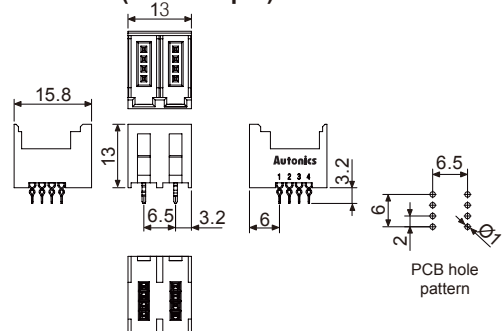
● CNE-B04(1-line×4-pin)



● CNE-B203(2-line×3-pin)



● CNE-B204(2-line×4-pin)



(A) Photo electric sensor

(B) Fiber optic sensor

(C) Door/Area sensor

(D) Proximity sensor

(E) Pressure sensor

(F) Rotary encoder

(G) Connector/Socket

(H) Temp. controller

(I) SSR/ Power controller

(J) Counter

(K) Timer

(L) Panel meter

(M) Tacho/ Speed/ Pulse meter

(N) Display unit

(O) Sensor controller

(P) Switching mode power supply

(Q) Stepper motor& Driver&Controller

(R) Graphic/ Logic panel

(S) Field network device

(T) Software

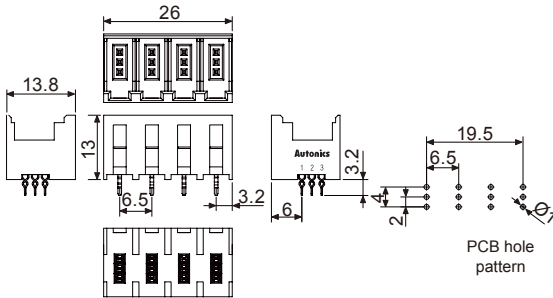
(U) Other

CNE Series

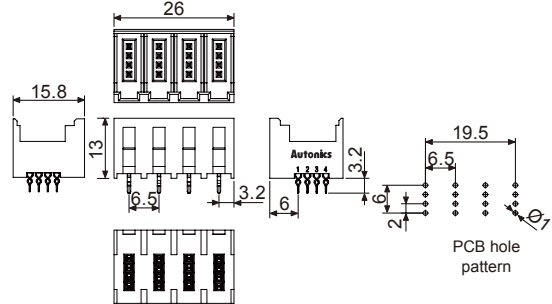
◎ Board mount socket

(unit: mm)

● CNE-B403(4-line×3-pin)



● CNE-B404(4-line×4-pin)



■ How to press sensor connector

1) Select connector.

- Check the wire specifications (conductor section, cover diameter).
- Select the proper color of sensor connector(model) by referring to the below table.

Cover color	Wire mount plug	Wire mount socket	Applied wire specifications	
			Nominal cross section area(mm ²)	Cover diameter(mm)
Transparent(WT)	CNE-P□-WT	CNE-S□-WT	0.05 to 0.08 (AWG30 to 28)	∅0.6 to 0.8
Yellow-Green(YG)	CNE-P□-YG	CNE-S□-YG		∅0.8 to 1.0
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Blue(BL)	CNE-P□-BL	CNE-S□-BL		∅1.2 to 1.6
Gray(GY)	CNE-P□-GY	CNE-S□-GY		∅1.6 to 2.0

※□: Number of pins (03: 3-pin, 04: 4-pin)

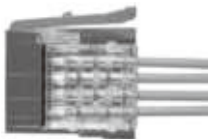
※The proper sensor connector may be different by conductor of wire.

※Cover diameter of applied wire at connector (at translucent part) and AWG number of body backside are marked.



2) Insert wires.

- Check the pin number and insert wires at the insertion part of the cover.
- Check the wires are inserted at the end of cover.



3) Squeeze the connector.

- Insert the cover to the body with tools (press fitting pliers, etc).
- ※Squeeze it with tools at the side direction as below figure.



4) Check the cover.

- Check the cover which has gaps and is even with the cover.



Wrong (1)

Wrong (2)

Not enough cover insertion.

Not enough cover insertion.

※Press the part of arrows again.