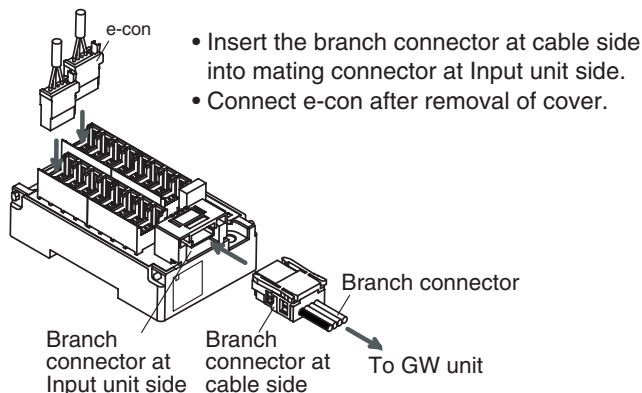


## Wiring (continued)

- ③ Press fitting  
Press the cover to the body with plier etc.
- ④ Confirmation  
It is completed with a check on 4 latches engaging.



## Wiring of branch cables and e-con

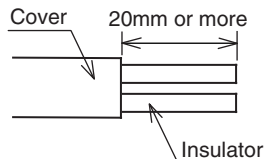


## Sensor connection

Utilize e-con to connect the sensor to the Input unit.

### Attaching the e-con to the lead wire for sensor

- Strip the sensor wire as shown in the right figure.  
(Refer to P17 "Lead wire table" for connector and applicable electrical wire size.)



## Lead wire table

SMC product No. (1 piece)	Color of cover	Applicable gauge of cable( $\phi$ )	Competitor's model No.
ZS-28-CA-1	Orange	0.6 to 0.9 <sup>*1</sup>	3-1473562-4(AMP)
ZS-28-CA-2	Red	0.9 to 1.0 <sup>*1</sup>	1-1473562-4(AMP)
ZS-28-CA-3	Yellow	1.0 to 1.15 <sup>*1</sup>	1473562-4(AMP)
ZS-28-CA-4	Blue	1.15 to 1.35 <sup>*1</sup>	2-1473562-4(AMP)
ZS-28-CA-5	Green	1.35 to 1.60 <sup>*1</sup>	4-1473562-4(AMP)
ZS-28-C	Red	0.8 to 1.0 <sup>*2</sup>	37104-3101-000FL (Sumitomo 3M)
ZS-28-C-1	Yellow	1.0 to 1.2 <sup>*2</sup>	37104-3122-000FL (Sumitomo 3M)
—	Transparency	to 1.5 <sup>*3</sup>	XN2A-1430 <sup>*4</sup> (OMRON)

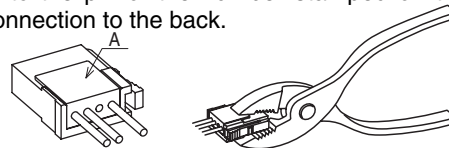
\*1: Nominal sectional area 0.1 to 0.5mm<sup>2</sup> (AWG26 to 20)

\*2: Nominal sectional area 0.14 to 0.3mm<sup>2</sup> (AWG26 to 24)

\*3: Nominal sectional area 0.08 to 0.5mm<sup>2</sup> (AWG28 to 20)

\*4: If cable tensile strength becomes more than 12N, a cable may separate from it.

- The core of the corresponding color shown on page 13 to 14 are put into the pin of the number stamped on the e-con for sensor connection to the back.



- It checks that the above-mentioned preparation work has been performed correctly, and A part shown in right figure is pushed by hand and makes temporary connection.
  - A part center is straightly pushed in by tools, such as pliers.
  - e-con is not allowable to be reused once crimped for connection.
- For the connection failure such as incorrect order of wire and incomplete insertion, please use the new e-con for sensor.