

- Connectors made by Omron

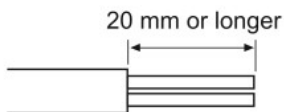
Model	Type	Applicable wire size of cable
XN2A-1430	Spring clamp	AWG28 (0.08 mm ²) - AWG20 (0.5 mm ²) Sheath outer diameter ϕ 1.5 mm max

Preparing Cables for connecting with External Devices

- Using a connector made by Tyco Electronics AMP, Sumitomo 3M, or Panasonic:
The cables of sensors and other external devices are normally semi-stripped or stripped.

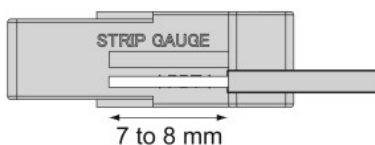


They are not yet ready to have the cable connectors attached. Cut the cable sheath on the tip, and stripped off the cable sheath. Do not strip the sheaths of the wires.



- Using a connector made by OMRON:

Align the cable on the STRIP GAUGE label written on the side of the connector. Remove the wiring sheath for 7 to 8 mm. Twist the exposed wires several times.



Inserting the Cable Wires into the Cable Connector

The wires of connected device cable are inserted into and connected with the cable connector. Wire colors differ by the devices to be connected. See the catalogue for the particular device.

- Using a connector made by Tyco Electronics AMP, Sumitomo 3M, or Panasonic:
 1. Insert each cable wire all the way into the opening on the cable connector cover.
 2. Use tools, such as pliers, to push the cover straight inward the body until the cover is parallel to the body.