

Connection of the Transmitter to the Terminal Box

Connect the Transmitter to the Terminal Box in accordance with the following procedure.

Measure of strip cables (Fig. 1-a)

1. Strip outer sheathes of cable.
2. Strip insulations of cores.

Fastening position of cable (Fig. 1-b)

Make sure that outer sheath of cable is positioned inside of the Terminal Box properly in tightening cable.

Mounting of Cable <fig. 2>

Put a cap and sealing ring on cable, then insert the cable to the body.

Put a cap on the Cable Gland and tighten it with a spanner. (Spanner caliber : 17mm)

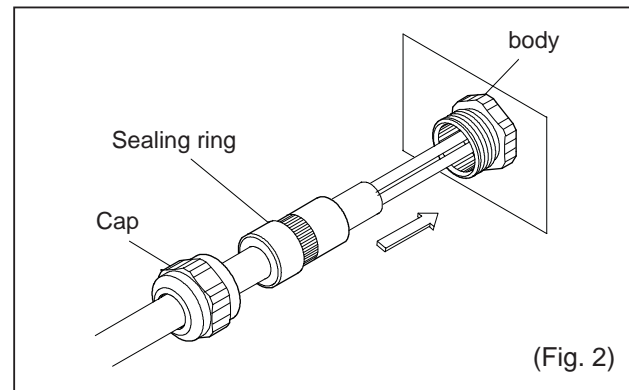
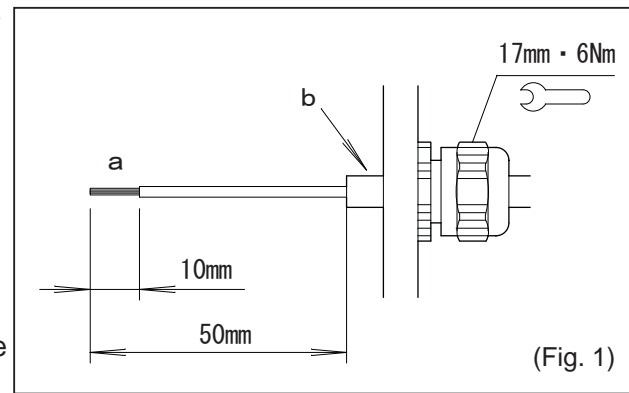
Applicable cable diameter : 5.0...8.0mm

Tightening torque : 6Nm

The cap can be shut up tightly to the body.

Replace the sealing rings of Cable Glands when you change Transmitter in maintenance to avoid decline of its watertight quality.

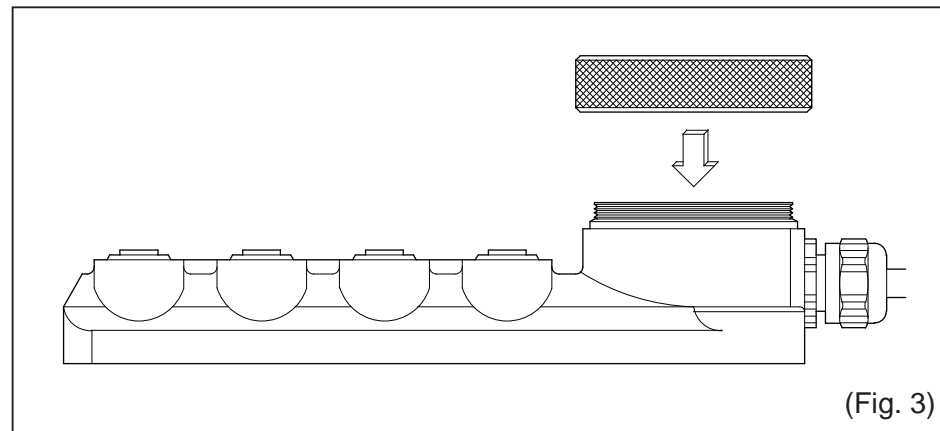
Sealing ring Code : 991995008
Type number : KBC-F2/E150P8



Fix the Box and Installing the Lid of the Terminal Box

Fix the Terminal Box with three M5 Allen screws (length : longer than 20mm).

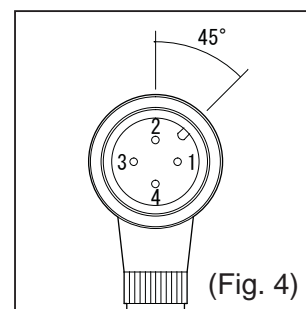
Fit the lid on the Terminal Box horizontally and close the lid smoothly or not to damaged thread of the lid, then insert and fasten it tightly. (Fig. 3)



Connection of Angle Connectors

In using angle connectors, use a connector which a projection is positioned indicated in the right figure (Fig. 4).

If you use different type connectors, connectors interfere each other and other connectors cannot connect into the contacts.



*Use this type connector.

Connecting to Terminal block

In accordance with the connection diagram, connect the core to each appropriate terminal.

<Note>

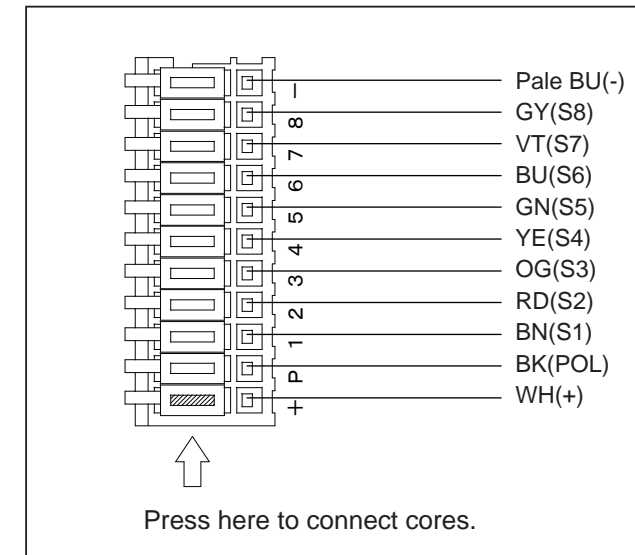
Press the button with slotted screw driver (width of edge : 2.6mm) and connect the core.

Insert core to reach terminal sufficiently.

(If a core was inserted insufficiently, core may come out or cause short with adjoining cable. If a core was inserted exceedingly, the core cannot be connected sufficiently because of terminal catching insulations.)

Connection diagram

Power Remote Sensor RGPT / 8 signal transmission type



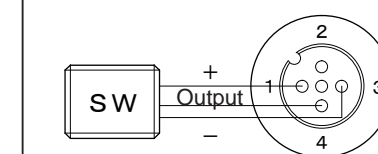
Wiring to Connector

In accordance with the wiring diagram below, connect the wire of detectors to connectors.

RPK-8C01L-N

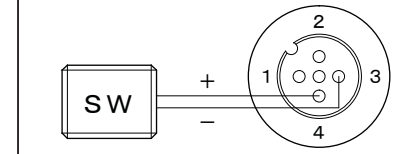
NPN 3-wire sensor

Connect to pol. 1, 3, 4



Mechanical limit switch

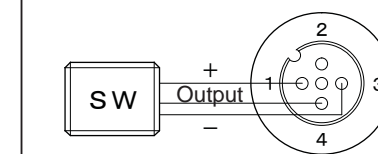
Connect to pol. 3, 4



RPK-8C01L-P

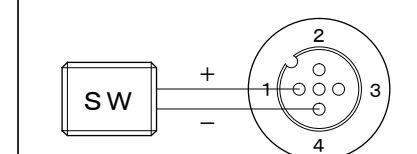
PNP 3-wire sensor

Connect to pol. 1, 3, 4



Mechanical limit switch

Connect to pol. 1, 4



Plug supplied blank plug into any unused connectors.