

# HV-CWP/HW-CWP Series How to Extend Load Cell Cable

## Precautions

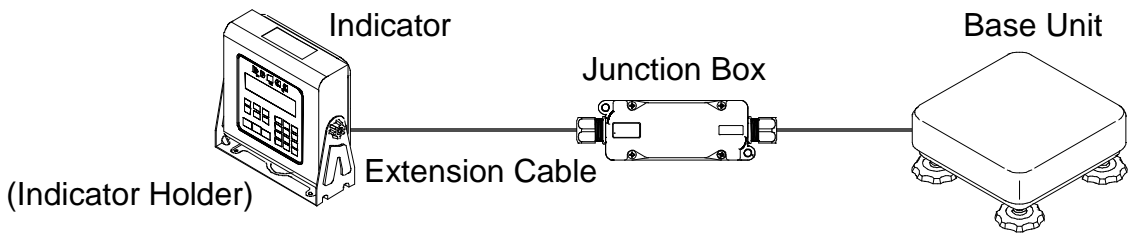
When using the extension cable, the temperature characteristics and noise immunity of the scale may deteriorate.

You must calibrate the scale after the extension cable has been connected.

(Refer to “12. Calibration” in the HV-CWP/HW-CWP Series Instruction Manual for details.)

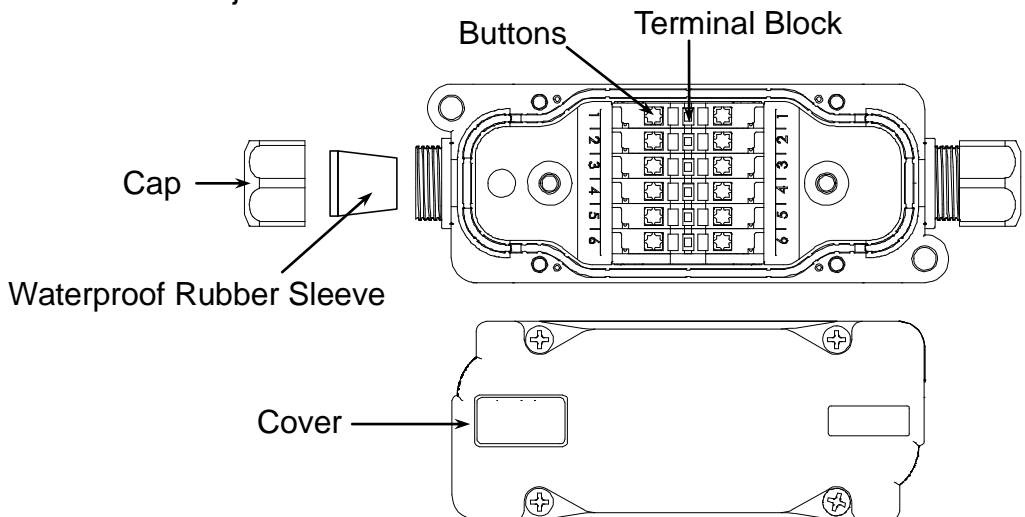
## Required Items

- AX-KO6430-5M      Extension Cable (φ6, shield cable 5m)
- AX-TMBOXTS-6      Junction Box (IP67)
- (AX-043005266)      Indicator Holder



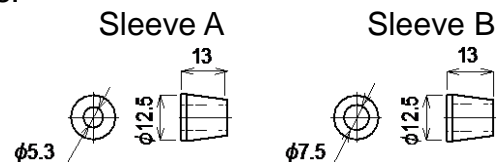
## Connecting the Extension Cable

1. Remove the load cell cable from the indicator following the steps in “5.2. Removing the Pole” in the HV-CWP/HW-CWP Series Instruction Manual.
2. Open the cover of the junction box.



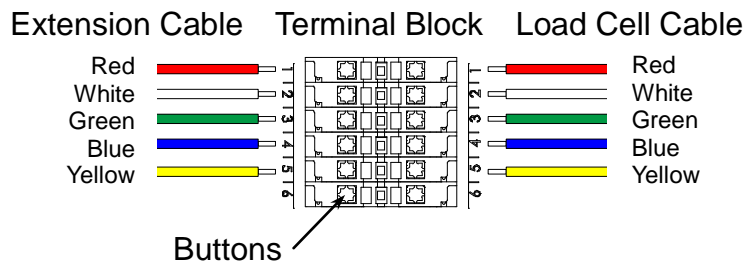
3. Pass the cable through the hole of the cap, waterproof rubber sleeve and junction box. Use the following waterproof rubber sleeves:

- For load cell cable: Sleeve A
- For extension cable: Sleeve B



4. Connect the cables as indicated in the following table:

Signal Name	Indicator	Extension Cable	Junction Box	Base Unit Cable
			Terminal Number	
Power +	EXC+	Red	1	Red
—	—	—	—	—
—	—	—	—	—
Power —	EXC—	White	2	White
Output +	SIG+	Green	3	Green
Output —	SIG—	Blue	4	Blue
Shield	SHIELD	Yellow	5	Yellow
—	—	—	6	—



Insert the lead wires by pressing the buttons on the terminal block of the junction box. Make sure that the cables are securely connected.

5. Close the load cell panel of the indicator.
6. Close the cap and cover of the junction box firmly.
7. Place an object on the weighing pan and check that it can be weighed correctly.