

# OSC 92OT202 Calibrator for Strain Gauge Load Cells

## <Features>

This calibrator has been developed as a calibrator for strain gauge load cells.

This is a highly reliable calibrator.

Various errors common to this type of calibrator are minimized to a point at which they can be ignored.

1. Does not require actual load calibration using a weight.
2. No calibration error is caused by shifts in the position of the zero balance (when OSC92OT201 amplifier is used).
3. Has good compatibility with strain gauges.
4. Multiple component forces are simultaneously calibrated from a distance by using a remote control switch.
5. Minimized calibration error caused by temperature influence.
6. Has a simple mechanism and is easy to operate.



## <Principle of operation>

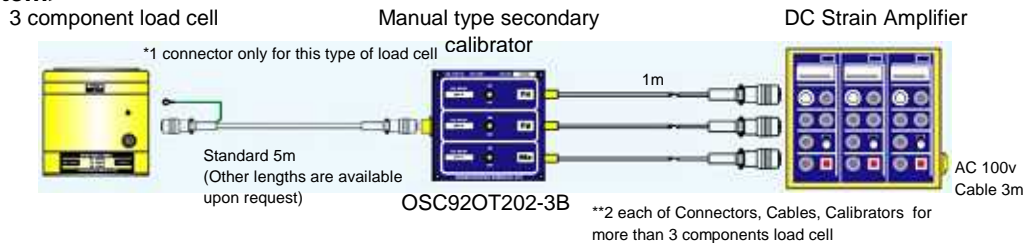
Using the internal resistance, the secondary calibrator changes the resistance of the bridge and generates an electrical load equivalent to the actual load acting on the load cell.

## <Specifications>

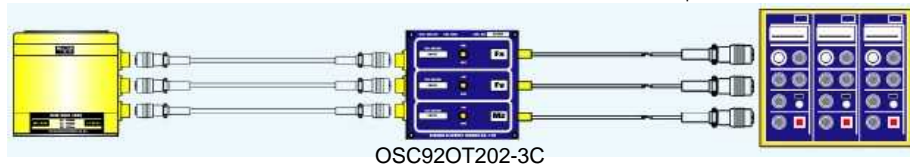
Model	OSC 92OT202
Calibration value	1/2 value of rated load (Possible to be specified by user)
Cable connecting to amplifier	1m NDIS connector
Precision	$\pm 0.2\%FS$
Input resistance	10M $\Omega$ +10M $\Omega$ (Equilibrium differential)
Dimensions	Approx. 100LxW100xH42 mm

## <Standard system>

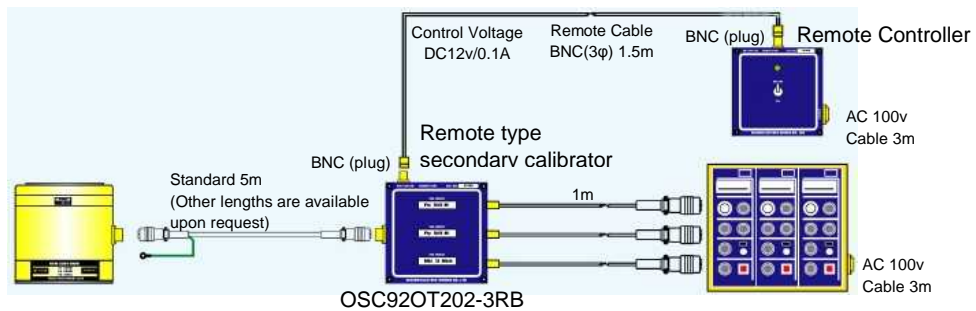
### -Manual type



### -Manual type



### - Remote type



### - Remote type

