

LOADCELL SIMULATOR

Application: Load cell , pressure, torque, and strain gauge based sensors simulator

Input voltage: 5 - 12V

Output analog signal: 2mV/V

Usage: Troubleshooting, training, product development

Scale system usage example:

Disconnect the summing board from the scale indicator, connect the load cell simulator and rotate the dial until a valid weight is displayed

1 - This can be used to change the weight and validate the different scale functions

2 - This can also be used in case of a scale malfunction to determine if the issue is on the loadcell side or on the indicator side.



DB9 Interface	Pin Definitions	Explanation
①②	GND	Excitation power-
⑥⑦	VDD	Excitation power+ (DC5~12V)
⑧	S-	Signal-
⑨	S+	Signal+
③④⑤	-----	NULL