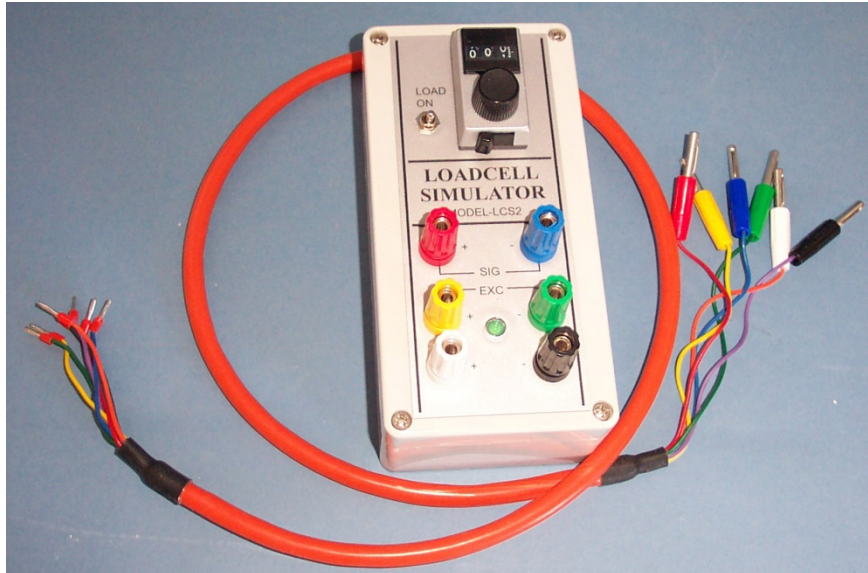




Procon Engineering

(A Division of National Oilwell Varco UK Limited)



Type LCS2 Load Cell Simulator

In-house or on-site simulation

Complete with plug in flying lead

0mV to 36mV output

Polycarbonate enclosure

Excitation indicator

Four cell simulation

Type LCS2 Load Cell Simulator

Technical Specification Sheet

The **LCS2 Load Cell simulator** is a very useful device to have available when installing or servicing a weighing system. It can be used to isolate a fault to either the electronic weighing instrument or the load cells. It can also be used to simulate actual loads thereby enabling a batching sequence to be tested prior to connection to real plant load cells and actuators.

For ease of use, the simulator is supplied with a plug-in flying lead of six-core cable, one metre in length, for connection to the weighing instrument. A digital multi-turn dial mechanism is also provided on the output control potentiometer. This has a clear three-digit scale and a locking lever for fixed position use.

The full scale electrical output is just over 3mV/V, and can therefore be adjusted from approximately 0mV to 36mV when used with 12V dc excitation. The simulator is housed in an enclosure and has a label on one side giving connection details with colour codes for Procon standard load cell cable. Both input and output resistance are approximately 350 ohm.

A green LED indicates the presence of the excitation current.

The simulator enclosure measures:

160mm x 80mm x 54mm and the six terminals are 23mm high.

The terminals are spaced by 36mm.

Procon Engineering's policy is one of continuous product enhancement.

We therefore reserve the right to incorporate technical modifications without prior notification. E&OE.

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