INTILoad

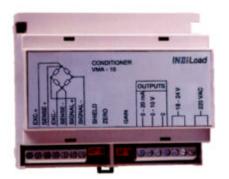
OPTIONS



PROGRAMMING UNIT



SUMCARD



SIGNAL CONDITIONER

The signal conditioner is a load cell amplifier giving supply to up to 4 load cells and converting the mV input into an analogue output, 0-10~V or 4-20~mA.

Together with an INDIDisplay the signal conditioner can be used as a weight indication system.



INDIDISPLAY

The 4 - digit 100 mm height display is equipped with ultra bright LEDs to ensure easy to read figures. The 0 - 10 VDC input allows to use the display as well with the calibrated 0 - 10 V output from the INDILOAD Mark 1 as with any other device equipped with a 0 - 10 VDC output.

Very userfriendly calibration with push buttons and a tare input make this display multifunctional.



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INDILOAD PROGRAMMING UNIT

The program console allows the installer to check, view and even adjust the parameters stored in the Mark 1 microcontroller's memory.

The main features are:

- calibration without 100 % test weights
- calibration of second setpoint without test weights
- auto checking of hardware, calibration parameters and load cell
- tuning and checking of algorithms
- · checking the algorithm which detected the overload
- weight indication

The programming unit is also used to program the sumcard.

INDILOAD SUMCARD

The sumcard limits the load of a crane with two crabs when the capacity of the crane is less than the sum of the capacities of both crabs.

By equipping each crab with an INDILOAD Mark 1 and installing a sumcard in one of the two Mark 1's, the load of each crab is separately limited while the combined load of both crabs can be limited at the same time.

The sumcard has two setpoints and an analogue $0-10\ V$ output. It can also be used with one Mark 1 to have 2 extra setpoints.

It can be supplied as:

- an optional card to be built in in the housing of the Mark 1
- \bullet an independent unit, in it's own housing, to be used with any system with a 0-10 V output

The sumcard is programmed by the programming unit.



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