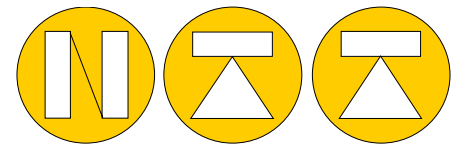
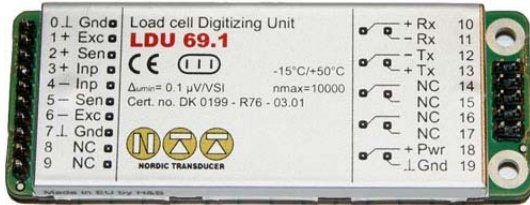


LDU DIGITAL WEIGHING UNITS 2021



NORDIC TRANSDUCER



LDU shown with gold plated pins for UA73.202 DIN sockets, or customers own mounting



LDU can be supplied only with soldering holes as shown here



UA73.202 PCB for DIN Rail mounting with screw terminals and female sockets for LDU



UA77.1 same type as UA73.3 but mounted with RS422 to RS232 converter as shown on the PCB.



UA77.4 / 77.6 Board with screw terminals for I/O functions + 2 Input keys, and + LED for output indication RS232 or RS485 output

H&B LDU's is a series of high accuracy and fast Load Cell Digital communication units (RS422/485/232), to be used in connection with OEM production of high quality weighing equipment. ASCII commands sets as standard and TAC control register.

There is a complete series of LDU's covering the ground for typical weighing jobs, from silo weighing to checkweighing.

LDU68.1

Standard RS422 full duplex, 2 Logic inputs and 2 outputs, EN45.501 5000e approved (R76 & R51). Can supply max. 4x400 ohm cells at 12V. +/-130.000 increments at 90 conv./sec. Typical 5-10ppm/°K.

LDU69.1 (R76 certified DK 0199-R76-03. 01)

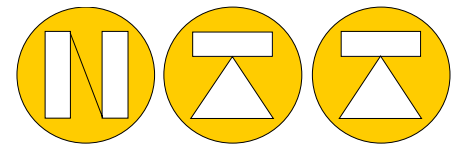
Standard RS422 full duplex, EN45.501 10000e approved (R76 & R51). Can supply max. 4x700 ohm cells at 12V. +/-520.000 increments at 172 conv./sec. Typical 1-2ppm/°K.

LDU69.1 (EN ISO 376 jobs)

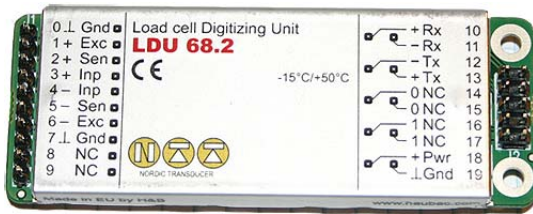
Standard RS422 full duplex, EN45.501 10000e approved (R76 & R51). Can supply max. 4x700 ohm cells at 12V. +/-1050.000 increments at 86 conv./sec. Linearity compensation data in 7 points. Typical 1-2ppm/°K.

LDU78.1 (for Checkweighing R-51 jobs)

In principle same as 68.1 but much faster Standard RS422 full duplex, 2 Logic inputs and 2 outputs, EN45.501 5000e approved (R76 & R51). Can supply max. 4x400 ohm cells at 12V. +/-260.000 increments at 2400 conv./sec. 600 conv./sec serial transmission Typical 5-10ppm/°K.



NORDIC TRANSDUCER



LDU68.2

In principle same as 68.3 without I/O functions. Standard RS422 full duplex. Can supply max. 4x400 ohm cells at 12V. +/-130.000 increments at 90 conv./sec. Typical 15-40ppm/°K.



LDU179.1

Standard full duplex RS232 ASCII command set & CAN open protocol. 2 Logic inputs and 2 outputs, EN45.501 10000e approved (R76) . Can supply max. 8x350 ohm cells at 5V supply, 880 000 increments at 1200 conv./sec. Typical 5-10ppm/°K.

All LDU weighing units from H&B can be sat up and calibrated via RS485/USB connection to DOP softwren, it is super to work with at Test jobs where even up to very high speed load signals at peak up to 1200 per second appers.

