

LD series multi-function displays with touch screen

The range of LD multi-function displays from Lika Electronic offers the greatest level in usability and versatility. They feature a 7-segment graphic display with touch screen and a complete set of plain text, symbols, and units. The LED display is bright and provides high contrast readability and also allows the background light to turn red, green, or yellow in the event of the set occurrences (for instance, it can be set to turn red when threshold limits are exceeded). The combination of plain text and touch screen functions makes the parametrization very user-friendly and intuitive. The protection rate is IP65.

LD210 process indicator for analogue encoders

It is equipped with two 16-bit analogue inputs and can connect current (0-20mA, 4-20mA) and voltage ($\pm 10V$, 0-10V) analogue encoders. It can show process values from Input 1 or Input 2 and even the results of a variable combination of the inputs (sum, difference, ...). Among the available functions are tare, separate totalization, linearization over 24 interpolation points, choice of the engineering unit, sampling time setting, etc.

LD220 process indicator for SSI encoders

It accepts signals from single- and multiturn encoders with SSI interface, resolution in the range 10 to 32 bits, and clock frequency up to 1 MHz. Operation can be as either Master or Slave. The features include scaling, bit blanking, linearization over 24 interpolation points, choice of the engineering unit, sampling time setting, three HTL PNP control inputs (for example for resetting the display value), etc.

LD350, LD355, LD360, and LD365 process indicators for incremental encoders and sensors

LD350 and LD360 are designed to interface HTL encoders or NPN/PNP/NAMUR/TRI-STATE sensors that provide AB signals (single ended output); LD355 and LD365 are designed to interface TTL/RS-422/HTL differential encoders that provide both AB and complementary /AB signals.

They support many operating modes such as position indicator, tachometer and speed indicator, frequency / RPM indicator, process meter, counter, timer, stopwatch, etc. In addition, LD360 and LD365 can measure and display two values (e.g. counting and speed) simultaneously. The input frequency can be up to 1 MHz. They also implement the counting direction and linearization functions.

All models offer a number of additional options that may include direct (+Vdc) and alternate current (+Vac) power supply, auxiliary output to supply the connected encoder (+5Vdc, +24Vdc), voltage/current analogue outputs (0...20mA, 4...20mA, -10...+10V, 0...+10V), HTL PNP control inputs, PNP control outputs, relay outputs, and RS-232 / Modbus RTU serial interface. They can be freely combined and allow the user to find the exact configuration he needs, which makes the unit ideal for replacing old and outdated display models.

LD displays can be used for all **applications that require to measure, count, display, and control linear and rotary positions, angles, linear and rotary speeds, cycles, frequencies, flows**, etc. Among their numerous applications are for instance: Food industry, Packaging lines, Handling systems, Bending machines, Continuous material systems (e.g. extrusion machines), Conveyor belts, Cutting and winding applications, Cranes, Amusement parks, and many others.

