

- For local display of measured value (level)
- Easy direct mounting onto a level meter under connector
- 4-digit LED display
- Easy setting by 2 button
- Processor control of display
- Powered from current loop (4 ... 20 mA)

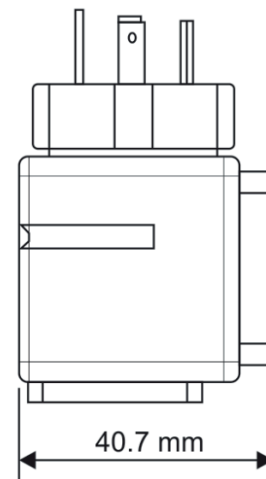
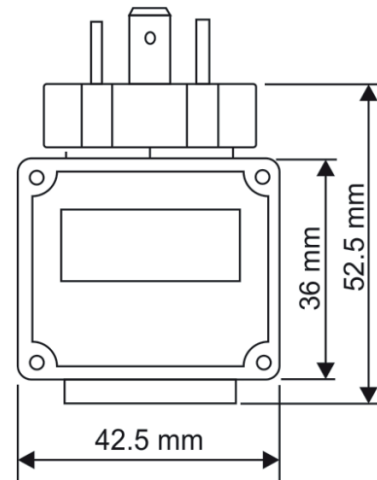


LDU-401 process indicator is fit for all level meters with 4 ... 20 mA with 2-wire technique. Customer can use the two buttons to program the zero point, span, decimal point, damping and alarm point etc. Over or under range are displayed as a message. The integrated smart diagnostic system continuously monitors all device function. The programmed parameters are stored in an EEPROM and being kept in case of a power failure. The plug-on display is simply plugged in between connector and socket; it is then ready for operation.

TECHNICAL DATA

| | |
|---------------------------|------------------------------------|
| Input signal | 4 ... 20 mA |
| Voltage drop | < 2.5 V |
| Accuracy | 0,1% ± 1 digit |
| Display | 4 digit, LED, height of digit 7 mm |
| Ambient temperature range | -20 ... +70 °C |
| Storage temperature range | -30 ... +85 °C |
| Connection | Connector acc. to DIN 43 650 |
| Housing | plastic ABS |
| Protection class | IP65 |
| Dimension | 42 x 46 x 49 mm |
| Weight | approx. 80 g |

DIMENSIONAL DRAWING



ELECTRICAL CONNECTION

Positive pole (+ U) is connected to pin No. 1, negative pole (0 V) is connected to pin No. 2. The plug-on display is powered by the current loop of the 4 to 20 mA, no additional auxiliary power is required.

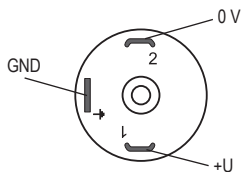


Fig. 1: LDU-401 socket

SETTINGS

Customer can use the two buttons ▲ and ▼ to program LDU-401. For detailed information please read at the instruction manual.

ACCESSORIES

Standard – included in the LD-401 price

- 1 pc fixing screw M3x90
 - 1 pc rubber seal
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SAFETY, PROTECTIONS AND COMPATIBILITY

Local indicator LDU-401 are equipped with protection against reverse polarity and short circuit. Electromagnetic compatibility according to EN 50081-2 and EN 50082-2.