LED-indicator instrument
LB16

Application and function

Indication of continuous measurement (current signal 4-20 mA) of a production process as:

- Filling level
- Flow rate and filling quantities
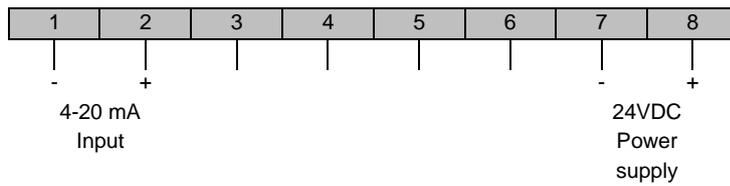- pH-values
- etc.

by vertically arranged LEDs.

It is used where a short overview about the relevant data of a production process is sufficient. The change from red to green allows a quick optical detection of the measured value and thus a rapid possibility to react.

Technical data

Supply voltage		24Vdc
Power input		7,5 VA
Measuring input	Measuring range	4-20 mA
	Input resistance	~ 100 Ω
Case	Type	Control panel case according to DIN 43700/IEC 61554
	Material	Glass fibre reinforced Noryl SE1 GFN2
	Dimensions (B x H x T)	48 x 144 x 116,5 mm
	Installation detail	45 x 138 mm
	Connection	Terminal connection: max. 2,5 mm² (rear plug-up)
Protection	Front	IP40
	Back side	IP00
Weight		0,3 kg
Ambient temperature		0 bis +55°C
Indicator		Display red/green LED-LED-Indicator 16 Points

Wiring diagram

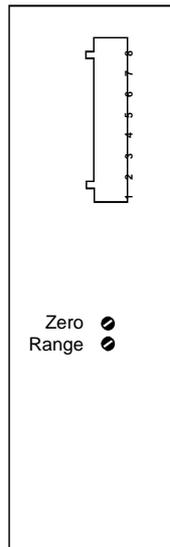| 1	2	3	4	5	6	7	8
-	+					-	+

4-20 mA Input

24VDC Power supply

Settings

Front view LB16

Rear view LB16

Zero
Range

1. Connect LED-indicating instrument according to the wiring diagram and switch on supply voltage

2. Setting of indicating value: on the back side of the case there are 2 potentiometers. By means of these potentiometers the zero point (potentiometer "Zero") and the final value (potentiometer "Range") can be set.

3. Set requested input current on terminal 1 and 2 and adjust the necessary indicating value with the setting potentiometers.

Digital Documentation