

## 308 Loop powered 4..20 mA LED-display for pressure sensors

- Display with an adapter for pressure sensors
- 4-digit processor based display
- Without external power supply
- Excellent for factory start-up
- Scaling on front panel
- Password configuration
- Standard adapter connection (DIN43650)
- Case protection IP65



The 308 is a microprocessor controlled display for use with standard 4-20 mA signals for universal applications. The low-cost display is ideal for use in for instance factory start-ups, because it is easy to install, and remove, wherever measurement is needed.

Loop powered bright red LED-displays do not need any external power supply. Current signal 4-20 mA provides the necessary energy. You can now replace the autopowered LCD-displays, having very poor visibility, by bright red LED-displays.

The operating display range can be set up directly without requiring any calibration equipment by simply entering the minimum and maximum range limits via front panel keys. All the programmable parameters are saved on EEPROM, which will store them for at least 30 years without power.

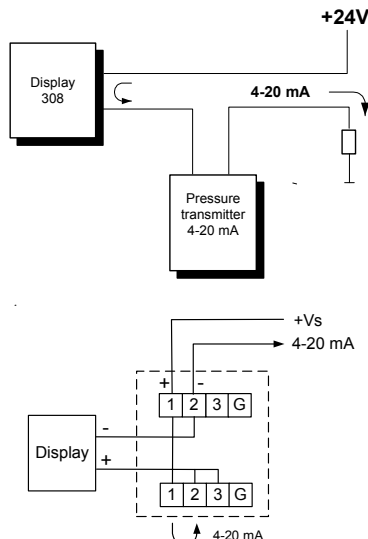
The 308 has a digital filter for stabilizing the 4-digit display. You may configure two optional alarms, low and high, which are shown on the front panel only. A password can be set for entering the configuration menu and alarms.

### Technical specifications:

<b>Input</b>	4..20 mA linear or square root
<b>Display range</b>	-999..+9999
<b>Display scaling</b>	freely via front panel keys
<b>Decimal point</b>	freely selectable
<b>Filter</b>	adjustable digital filter
<b>Alarms</b>	two LEDs on the front panel
<b>Accuracy</b>	0.05% of span
<b>Input resistance</b>	240 Ω (voltage drop= 4,8V)
<b>Display</b>	4-digit red LED, 14.5 mm, adjustable brightness
<b>Case protection</b>	IP65
<b>Case material</b>	ABS-plastic, grey
<b>Operating temperature</b>	0...+60 °C
<b>Relative atmospheric humidity</b>	0 to 80% (non-condensing)
<b>Terminals of the display</b>	removable 2,5 mm <sup>2</sup>
<b>Adapter</b>	DIN 43650 connector, 3 pole+ GR
<b>Weight</b>	200 g

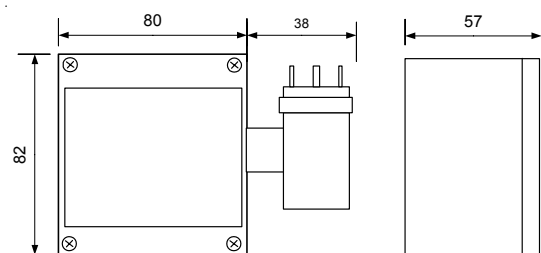
**How to order: 308-4/20mA**

### Connections:



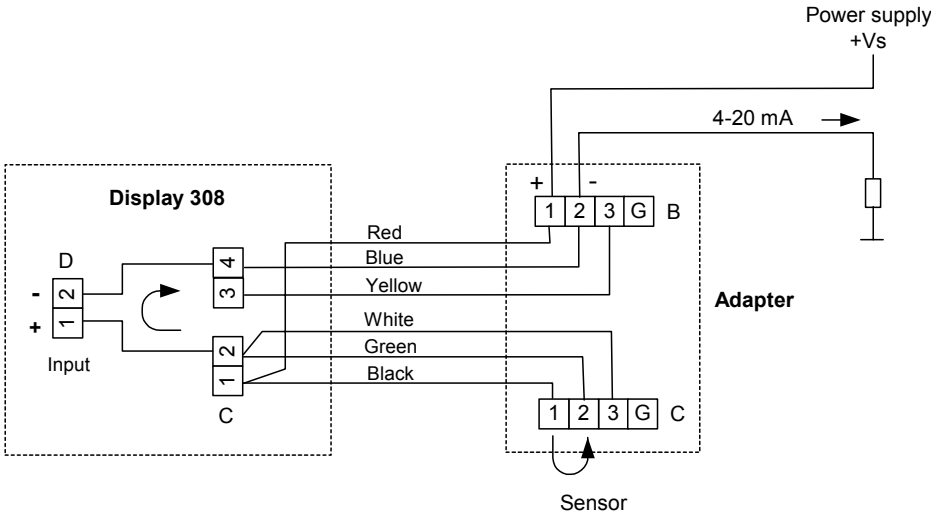
Connections depend on the used pressure sensor.  
Polarity of the display can be changed inside the display.

### Dimensions in mm

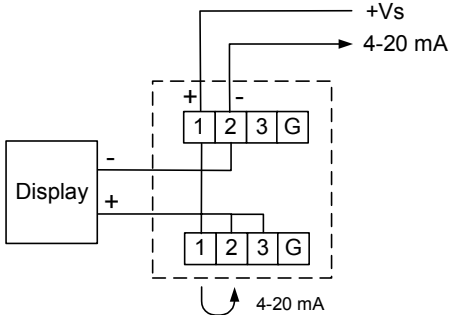


Connection:  
Adapter DIN 43650, 3 pole +earth

# Adapter connections



Connections depend on the used pressure sensor and can be changed on the terminal C inside the display.



The display 308 is delivered according to shown connections