

# Semi-Analog Panel Meters

## DIALOG A 144 x 36

### Single Display Indicator A1400

The current measured value is simultaneously read out to the light-strip indicator, and to the digital display.

Selected limit values can be plainly displayed next to the measured value at a second light-strip for models including limit values.

The user is thus provided with an ideal overview of the margin between the measured value and the limit values.

### Double Display Indicator

Current measured values are displayed at two light-strips arranged next to one another.

Either one of these values can be simultaneously read out to the digital display as well.

An LED at the bottom of the respective light-strip scale indicates which of the two values is currently being read out to the digital display.

### 71 Segment Display

The measured value is displayed at a 91 mm scale with an accuracy level which exceeds class 1.5.

### Alarm Messages

Limit value violations are indicated at the scale with additional LEDs.

A minimal installation depth of less than 127 mm allows for mounting to practically any control cabinet.



## Characteristic Values, DIALOG A 144 x 36

### Variants

Single display indicator, Limit monitor with up to 4 limit values, Single display indicator with slave pointer function Double display indicator

### Display

Type: red LED  
 Analog: 71 segments  
 Digital: 3 digits, 7 segment display with polarity indicator  
 Character Height: approx. 8 mm

### Scale

Format: portrait or landscape (no digital display with landscape format)  
 Scale Color: swan white  
 Scale Length: 91 mm

### Measuring Ranges

Direct Voltage: 0 ... 2 V to 0 ... 300 V and  $\pm 2$  V to  $\pm 300$  V

Direct Current: 0 ... 4 ... 20 mA  
 0 ... 0.2 mA to 0 ... 200 mA and  $\pm 0.2$  mA to  $\pm 200$  mA  
 Alternating Voltage: 0 ... 0.2 V to 0 ... 300 V and 0 ... 700 V  
 Alternating Current: 0 ... 2 mA to 0 ... 200 mA and 0 ... 1 A, 0 ... 5 A via Pt100 or types J, K, R and S  
 Temperature Thermocouple  
 Resistance: from 200 W to 20 kW  
 Power Supply: 230 V / 115 V AC or 90 ... 260 V DC or 24 V AC or 18 ... 36 V DC

### Outputs, Included with Limit Monitors

2 Relays: each with changeover contact  
 2 Additional Relays: each with normally open contact  
 Switching Capacity: 5 A / 250 V AC, 5 A / 30 V DC  
 Switching Time: max. 200 ms

