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Digalox DPM72-PP

Graphical DIN-panelmeter for DC shunt measurement and analogue signal with USB interface.





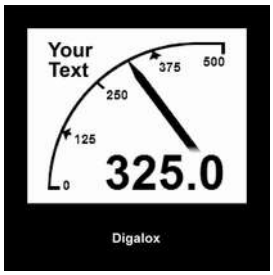
Description

Graphical measure instrument which unites the benefits of an analogue display with the accuracy of a digital instrument. The measure modes analog signal 0/4 to 20 mA and 60mV DC shunt are supported. Scale-endpoint of the indicator as well as scaling of the analogue signal and current transformer measurement can be adjusted freely via the DIP-switch, alternatively there is an option for automatic adaption of the scale-endpoint. The unit can be switched between Volt and Ampere measurement via an external switch. Minimum and maximum values are recorded and can be displayed optionally using an external switch. Measure values are recorded over a timespan of three minutes to 14 days. The timebase as well as the display of the measure history can be activated via an external switch. The following parameters can be adjusted using the USB software: Scale-endpoint, scale-caption, display-style (pointer, tachometer, bargraph and more), splash display, thresholds for alarm output, hysteresis and more. Recorded measurement values can be read as well as a continuous transmission of the actual measure value enabled. Using the software, values can be viewed, recorded and be exported as CSV.

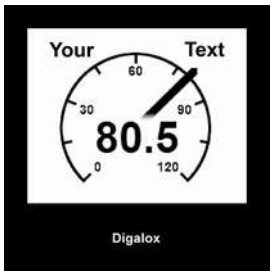
Features

- Graphic display 16 grey levels with white backlight
- Pointer and digital display
- USB interface
- Adjustable scale-endpoint
- Recording of measurement over up to 14 days
- Alarm outputs with adjustable thresholds, galvanically isolated
- User splash display
- Different display styles, e.g. tachometer, bargraph, timebased view
- Transmission of measure value
- Supply 10-24V AC/DC or USB, galvanically isolated
- Accuracy 1% (0,5%) true RMS
- Windows software for individual configuration and measure value recording

Adjustable display styles









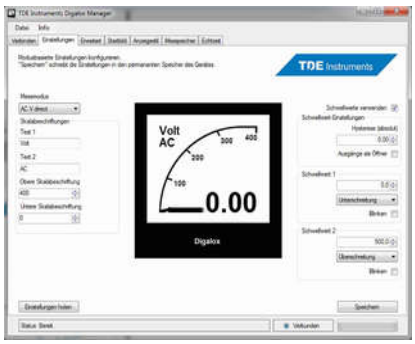
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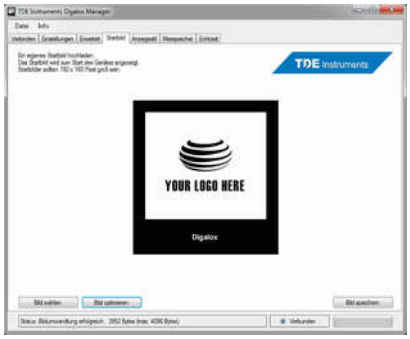
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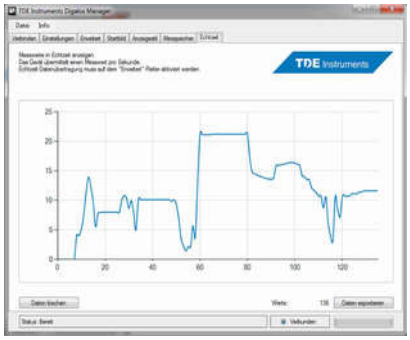
Software

The corresponding free software enables the individual configuration of the instrument. Via software the measured values can be read from the memory, as well as continous data transmission enabled.

Using the software, values can be viewed, recorded and be exported as CSV.







Specification

Supply:
10-24V AC/DC
Display:
LCD graphic display 192x160 pixels
Measure range voltage:
60mV DC shunt
Accuracy Voltage:
1% (0,5%)
Measure range Ampere:
0/4 to 20mA DC analog signal
Accuracy Ampere:
1% (0,5%)
Recording of measurement:
3 mins. to 14 days
Alarm outputs:
2 optocouple outputs max. 30V, 50mA
Operating temperature:
0°C to +50°C

Storage temperature:
-20°C bis +70°C
Front panel:
72 mm x 72 mm
Panel cut out:
68 mm x 68 mm
Fixation:
Bracket
Protection front:
IP65 with gasket (separately available)

Other Instruments of Digalox DPM72 series

Digalox DPM72-AV

Graphical DIN-panelmeter for Voltage and Ampere.



Digalox DPM72-AVP

Graphical DIN-panelmeter for Voltage and Ampere with USB interface.

