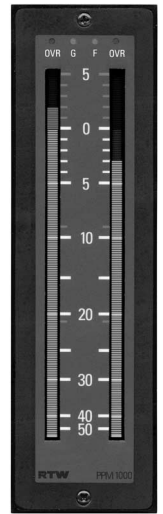


Peakmeter

The level meter 1000-40 is a 140 x 40 x 66 mm compact panel instrument. It is featured by a two-channel plasma bargraph display.



Sandwich scale, horizontal and vertical

- Analog
- DIN
- X-former bal.
- 10 ms/1 ms
- Scale 100 mm
- Peakhold
- +20 dB/Memo

TECHNICAL SPECIFICATIONS

General

Supply voltage: +21.5 to 30 V DC, nom. 24 V DC
 Current drain: max. 190 mA/24 V
 Weight: 310 g
 Dimensions: 140 x 40 x 66 mm
 Operating temperature range: +5° to +45° Celsius
 Connector: DIN 41612/C
 Fastening: clamping locks
 Indicators:

- Fast-LED (short integration time)
- Gain-LED (additional input gain)
- Overload-LED

Peakmeter

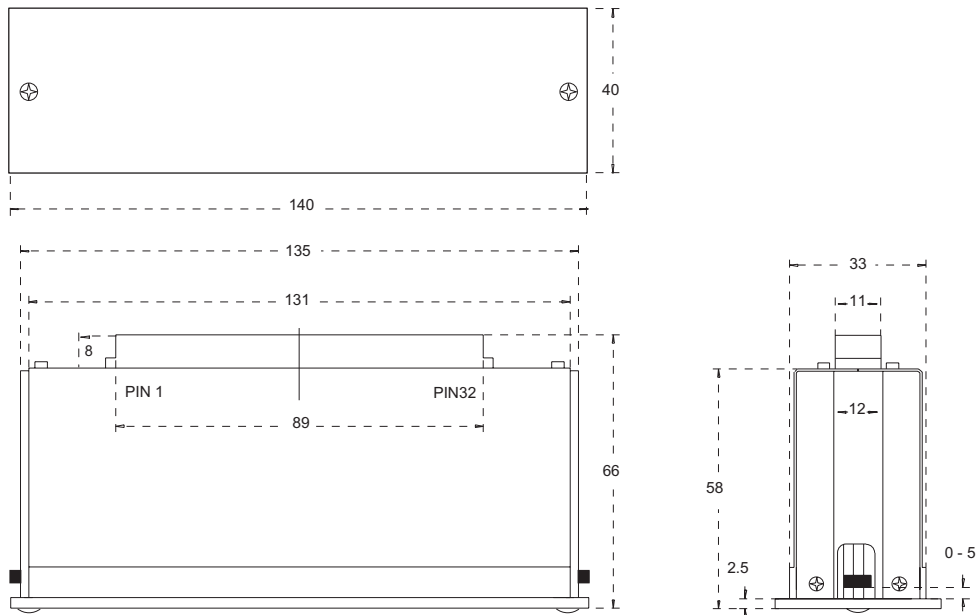
Measuring standard: acc. IRT 3/6 and DIN 45406
 Input sensitivity for 0 dB reading: +6 dBu (1.55 V)
 Max. input level: +21 dBu
 Adjustable range of input sensitivity: 0 dBu to +18 dBu
 Inputs: transformer balanced
 Rejection factor: > 60 dB
 Input impedance: > 10 kΩ (30 Hz to 20 kHz)
 Integration time: 10 ms, 1 ms (0.1 ms optional)
 Fall back time: 1.5 s for 20 dB, 2.5 s for 40 dB
 Scale range: -50 dB to +5 dB
 Scale marks: -40, -30, -20, -10, -5 dB
 Calibration marks: superimposed marks between -10 dB and +5 dB in steps of 1 dB (on/off switchable)
 Headroom segments: 0 dB to +5 dB
 Scale length: 100 mm
 Display segments: 201 segments/channel
 Colour of display: to 0 dB orange, to +5 dB red
 Measuring accuracy: ±0.3 dB in the range of -10 dB to +5 dB, ±1.0 dB in the range of -40 dB to -10 dB

Peakhold: peak hold time to approx. 2.5 s, switchable from peak hold to peak memory
 Overload display: 1 LED per channel
 Overload detector range: step size 0.5 dB in the range of -2 dB to +5 dB
 Solo/Mute: display of selected channel/blank selected channels

Items delivered

- Peakmeter 1000-40:
- horizontal scale and vertical scale which is fitted underneath (Sandwich)
 - counter plug (DIN 41612/C)
 - operating manual

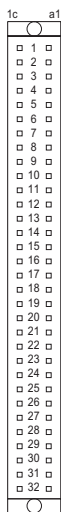
Order number: 1000-40



Abmessungen in Millimeter: Darstellung reduziert.
Dimensions in mm, scaled down.

CONNECTION

The meter is connected up using a 32-pin female connector (DIN 41612/C).
Row A of this connector is wired as follows:



- pin 1a: audio input (+), upper or left display column (CH I)
 - pin 2a: case
 - pin 3a: audio input (-), upper or left display column (CH I)
 - pin 4a: case
 - pin 5a: - V
 - pin 6a: case
 - pin 7a: audio input (+), lower or right display column (CH II)
 - pin 8a: case
 - pin 9a: audio input (-), lower or right display column (CH II)
 - pin 10a: - V
 - pin 11a: 'Solo' switching input CH I
 - pin 12a: 'Solo' switching input CH II
 - pin 13a: 'Solo' common
 - pin 14a: 'Solo' mute switching input
 - pin 15a: external control for additional Scale marks
 - pin 16a: external switching from peakhold to peakmemory
 - pin 17a: external control for activating peakhold mode
 - pin 18a: external control +20 dB
 - pin 19a: external control memory reset
 - pin 20a: external control memory display
 - pin 21a: external control 10 ms - 1 ms
 - pin 22a: case
 - pin 23a: Indicator CH I
 - pin 24a: Indicator CH II
 - pin 25a: 'OVR-1'
 - pin 26a: 'OVR-2'
 - pin 27a: 'OVR-4'
 - pin 28a: 'OVR-8'
 - pin 29a: case
 - pin 30a: - V
 - pin 31a: case
 - pin 32a: + V
- external control of overload detector range

COLOURS

RAL 7011/9011 Iron grey/Graphite black

ACCESSORIES

Subject to technical changes without prior notice 04/2004



Meter bridge cabinet
Orderno. 1075-280



Adapter frame
Orderno. 13722



Adapterframe
Orderno. 13729



19"-1 unit height
mounting panel
Orderno. 13725



19"-1 unit height
mounting panel
Orderno. 13726



Power pack and
bracket
Orderno. 1028A