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FPM (FIBER POWER METER)

with two RS232-interfaces

single or dual channel

DATASHEET - Version 1.1, Date: 11.10.2004

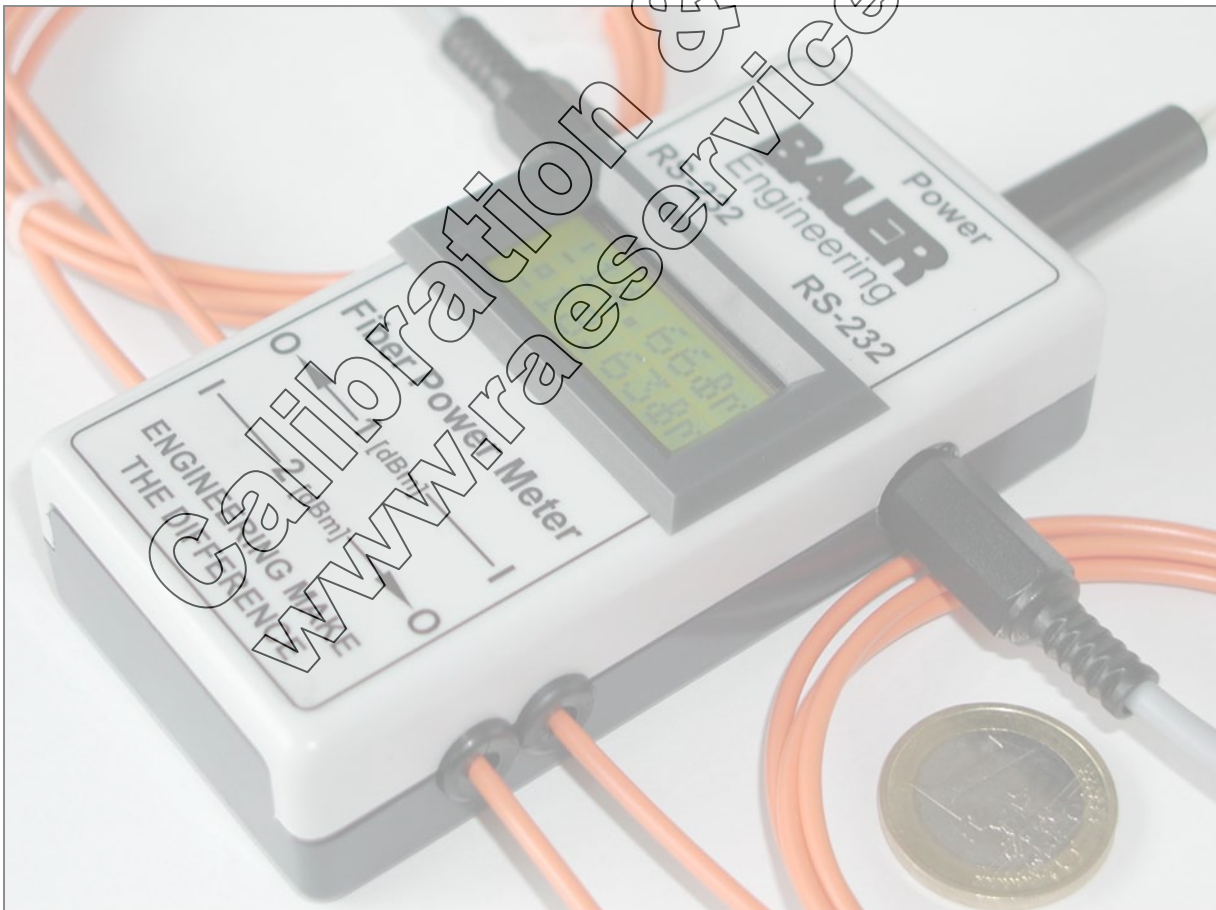


Figure 1: Dual channel version

Specification:

- Wavelength: 650 nm (optional 350 nm ~ 1100 nm)
- Attenuation: < 2 dB (without connectors)
- Measurement mode: absolute value measurement (dBm)
input or output (configurable)
- Light power functions: actual, average (displayed), minimum, maximum
- Measurement period: 4 times per second
- Measurement range: + 10,00 ~ approx. - 35.00 dBm
- Resolution: 0,01 dBm
- Accuracy: $\pm 0,2\text{dB}$ (=5% in Watt)
- Display: 2 x 8 character backlight LCD
- Displayed value: measurement mode, average light power
- Interface: 2x RS232 (9600bps, 8 data, 1 stop, no parity)
- Address: '0' ~ '9', 'A' ~ 'F'
(adjustable at the bottom of the device)
- Special functions: beep function (configurable)
LCD background (configurable)

Technical data

- Accessories: Plug-in Power Supply, 230VAC / 9VDC, 50Hz, 9VA
- Housing: Plastic, 60 x 100 x 25 mm
- Optics: Fiber: Plastic, diameter 1000/1520/2300 μm
small external input scrambler
Length approx. 1m (resp. customer specified)
Connectors: FSMA (resp. customer specified)
- Power: Voltage: 9 VDC, 65 mA (LCD light off), 115 mA (LCD light on)
Connector: Low voltage 5,1 mm
- Temperature: 15 °C to 35 °C
- Weight: 120 g

Specification are subject to change without notice.