

SH 2001

Photoelectric Scanning Head



Application

The SH 2001 photoelectric scanning head is suitable for use with LED impulse electronic meters. Due to its high performance and robust construction, it is suitable for both test consoles and portable systems.

LED scanning of static meters

Optical impulse signals from electronic meters can be received and evaluated using the SH 2001 scanning head.

The optical output of the electronic meter must have the following criteria:

1. With an LED signal having a space ratio 1:2, the frequency must be less than 700 Hz.
2. The wavelength of the received signal must be within the range 500 - 1100 nm.

The impulse output of the scanning head delivers a positive impulse of approximately 1 ms on receipt of an LED signals impulse.

Technical Data SH 2001

Supply voltage:	11 - 30 V DC
Housing:	Hard Plastic
Weight:	approx. 30 g
Max. current consumption:	approx. 5 mA (Without output load at LED scanning)
Output impedance Ra:	approx. 470 Ω (At high and low level)
Max. output voltage:	9.5 - 28.5 V (Depending on supply voltage)
Dimensions:	

Connection:

