

# Power Supply for lamp calibration

## NTN 700M - 65

Type:



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**Low and High Voltage  
Power Supplies**

**DIN EN ISO 9001**

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### Special Features

- Digital operating panel, synchronized with computer interface (IEEE488).
  - Automatic switch over to remote operation.
  - Button to select local mode.
  - Set values stay valid during switch over „Local“ - „Remote“ and vice versa.
  - Three adjustment resolutions selectable.
  - Reset button for nulling.
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- Output modified for pulsed operation and short time overcurrent.

### Displays

Two five-digit displays for voltage and current, integrated into multifunction display. Furthermore permanent set point indication, indication of adjustment resolution and information about all operation modes.

### Control

Digital potentiometers for voltage and current respectively with three selectable adjustment resolutions. Button for selection of adjustment resolution, button "Zero", button to release of the output and button for selection of local operation mode.

### External Control

Via integrated IEEE488 interface. Values remain valid during switch over to remote operation and back to local mode. Remote operation starts automatically when data are sent over the computer.

### Technical data

Mains: 230 V  $\pm 10\%$ , 47 - 63 Hz  
or 115 V  $\pm 10\%$ , 47 - 63 Hz (selectable by clamps)

Output: 0 - 65 V / 0 - 10 A  
(for up to 180ms  
15A will be delivered)

Stability over 8 h and Tc:  $1 \times 10^{-4}$  from max.

Residual ripple:  $< 16,5 \text{ mV s}^{-1}$

Environmental temperature: 0 to 40°C

### Design

19" rack, 4HU high, 350mm deep

### Application

Test and calibration of automotive lighting systems.