



Type-dependent specifications:

Type:	EX2068	EX2069	EX2070	EX2071
Range:	199,9mV	1,999V	19,99V	199,9V
Resolution:	100µV	1mV	10mV	100mV
Input resistance:	>1000MΩ	>1MΩ	>1MΩ	>1MΩ

**Caution:**

For damages caused by failure to observe the instructions are caused void the warranty.

**Note:** In contrast to commercially available panel meters can be voltage identical to the operating voltage for this module, the measurement input. By selecting the appropriate types of equipment are ranges of 199.9 mV to 199.9 V directly measurable.

**General technical data:**

**Accuracy:** 0.05% + / - 1 digit

**Sign:** Automatic minus display

**Decimal:** Configurable via jumpers

**Supply voltage:** 7.0 to 30.0 V DC

**Power consumption:** 25 mV at 7.0 V DC

**Dimensions:** 48 mm x 28.5 mm

**External wiring:** Not needed

**Connection:**

For power supply, use a well filtered DC voltage. Make sure the correct polarity, as can be destroyed by the device polarity.

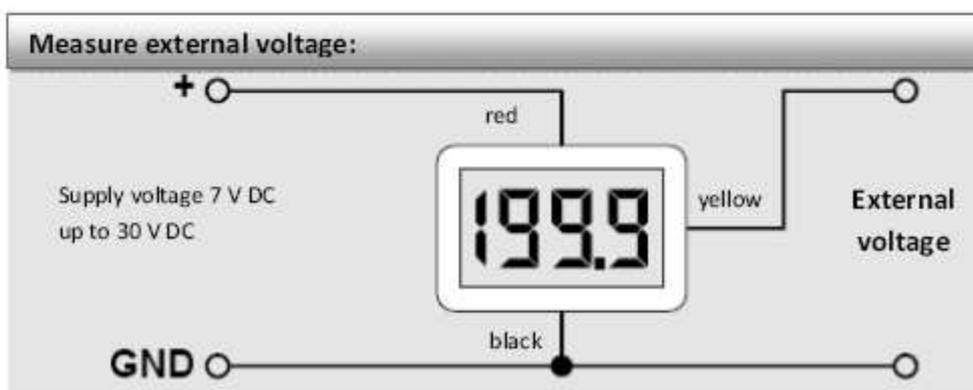
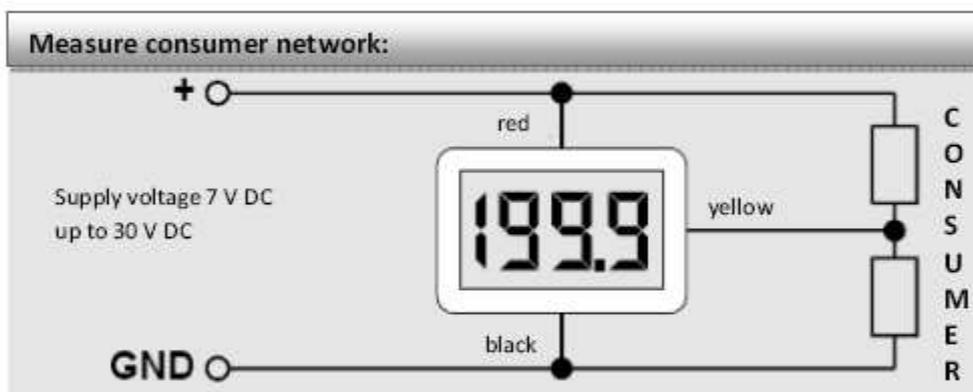
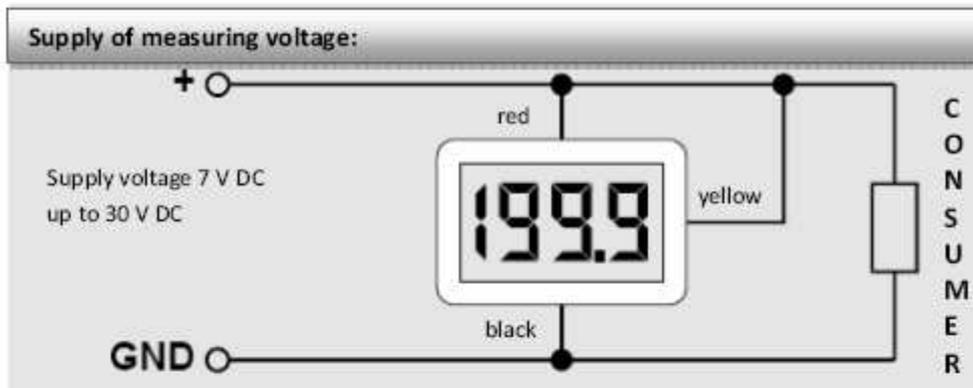
**Balance:**

All modules are calibrated when delivered to the respective face value. For recalibration, the integrated trimmer (see drawing on back page) are used.

**Application Examples:**

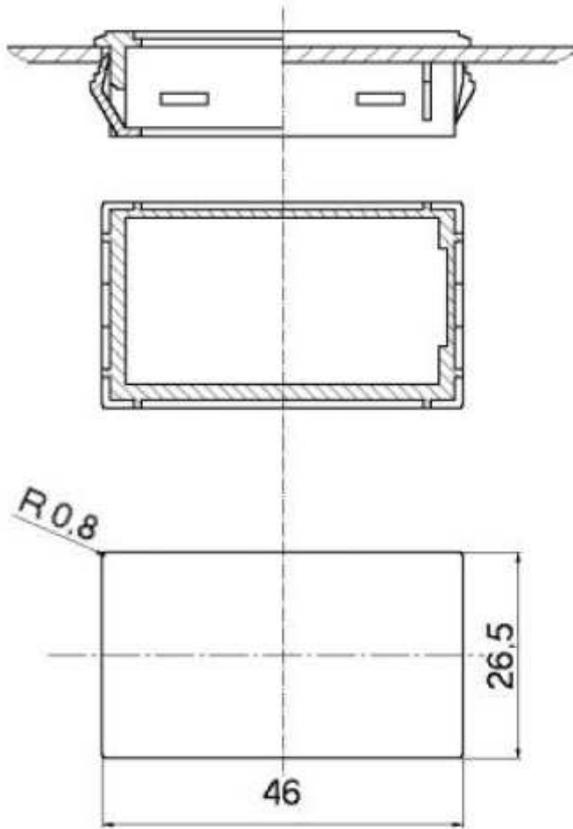
Measurement voltage range

EX2068:	0	-	199,9 mV
EX2069:	0	-	1,999 V
EX2070:	0	-	19,99 V
EX2071:	0	-	199,9 V



# EX Modules Mounting Details

Valid for all EX-Modules.



All values given in millimeters (mm).

Panel-Thickness:  
min 1.5 mm, max. 4 mm