

## IPEshunt 2

### Operating current measurement via automotive fuse carrier

- Mounting at automotive fuse carrier
- Operating current up to 70 A
- Standard output voltage 0 ... 1 V
- Overload protected up to factor 1.5 of rated current
- Direct connection to SENS modules



<b>Device</b>	
Voltage supply	6 ... 15 VDC
Current consumption	< 4 mA
Working temperature range	-40 ... 85 °C (-40 ... 185 °F)
Storage temperature range	-55 ... 125 °C (-67 ... 257 °F)
Relative humidity	-55 ... 125 °C (-67 ... 257 °F)
Dimensions	W30 mm x H35.5 mm x D9 mm (1.02 in x 1.40 in x 0.35 in)
Weight	8 g (0.28 oz)
Housing material	Yellow synthetic plastic
<b>IPEshunt</b>	
Measurement range	±30/ 70 A (depending on type)
Operating current ±30 A	±0 ... 1 V   0.033 V/A
Operating current ±70 A	±0 ... 1 V   0.014 V/A
Offset deviation at ambient temperature 25 °C	±0.04 mV
Temperature effect on offset	±1.2 V/K
Accuracy at ambient temperature 25 °C	±1 % of reading
Temperature effect on accuracy	±250 ppm/K
Overload	Max. 1.5 x I nominal (pulse duration max. 1s)
Overload	Ensure ventilation, avoid thermal overheating
3 dB cut-off frequency	80 Hz (version 30 A)
<b>Accessories</b>	
Input cable	600-105.pdf
Input cable	600-102.pdf