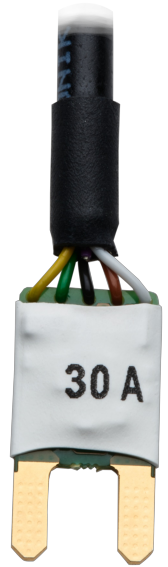


IPEshunt 3

Operating current measurement via automotive fuse carrier

- Mounting at automotive fuse carrier
- Overload protected up to factor 1.5 of rated current
- Direct connection to SENS modules
- TEDS Class 2 integrated for sensor scaling



Measurement input DMS	
Accuracy at ambient temperature 25 °C	±2 % vom Messwert
IPEshunt	
Measurement range	±10/ 30 A (depending on type)
Operating current ±10 A	±0 ... 1.0 V 0.1 V/A
Operating current ±30 A	±0 ... 1.5 V 0.05 V/A
Fuse capability	SMD fuse at 10A type 30 A type no fuse function
Offset deviation at ambient temperature 25 °C	±0.04 mV
Temperature effect on accuracy	±250 ppm/K
Overload	Ensure ventilation, avoid thermal overheating Max. 1.5 x I nominal (pulse duration max. 1s)
3 dB cut-off frequency	13 kHz (± 500 Hz)
General channel properties	
TEDS	Class 2
Device	
Voltage supply	6 ... 15 VDC
Power consumption, typical	< 4 mA
Working temperature range	-40 ... 85 °C (-40 ... 185 °F)
Storage temperature range	-55 ... 125 °C (-67 ... 257 °F)
Relative humidity	5 ... 95 %

Dimensions	B10.9 mm x H22 mm x T3 mm (0.43 in x 0.87 in x 0.12 in)
Weight	3 g (0.11 oz)
Accessories	
System cable	620-712 620-715 620-714 620-713