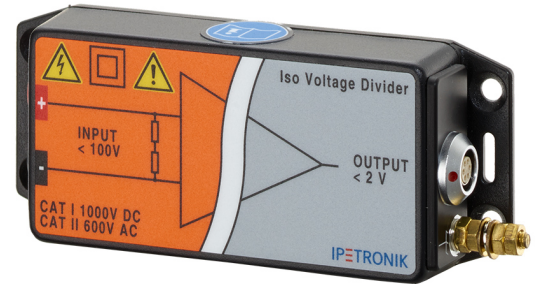


Iso Voltage Divider

DC high-voltage divider up to 1 kV measuring range

- Reliable voltage measurement on high-voltage DC systems
- Electrically isolated high-voltage divider
- Short-circuit current limitation via HV Current Limiter
- For electric and hybrid vehicle applications
- Direct connection to SENS modules
- Approved applications according to CAT I and CAT II
- Use only together with HV Current Limiter



Device	
Maximum input protection voltage (channel)	±1000 V (indefinitely)
Voltage supply	15 VDC
Power consumption, typical	0.5 W
Working temperature range	-20 ... 70 °C (-4 ... 158 °F)
Storage temperature range	-30 ... 70 °C (-22 ... 158 °F)
IP-Code	IP 67 (ISO 20653 - 2013)
Relative humidity	5 ... 95 %
Dimensions	W126 mm x H50 mm x D25 mm (4.96 in x 1.97 in x 0.98 in)
Weight	120 g (0.26 lb)
Input sockets	4 mm safety banana plugs
Galvanic isolation	
Test voltage	3536 VAC @ 50 Hz (sine wave)
Application according to CAT I	±1000 VDC
Application according to CAT II	600 VAC @ 50 ... 60 Hz (sine wave)
Input HV	
Output signal voltage	±2 VDC
Measurement range	±1000 VDC
Accuracy at ambient temperature 25 °C	±0.20 %
Accuracy at ambient temperature -20 ... 70 °C	±0.50 %
Channel impedance	21 MΩ / 100 pF (with HV Current Limiter)
Channel LED	No
Accessories	
System cable	620-661.pdf
System cable	620-640.pdf
Input cable	620-044.pdf