



ProLine P42000D2

Worldwide smallest
High Voltage Transducer in its class

Introducing Transducer P42000 D2

Control to 2200 Volts!

Voltage and current transducers from Knick bring true CONTROL to electrical measurement across a wide-range of industries.

Knick is pleased to announce the newest member of the family; the P42000 D2.

With a housing width of only 45mm, it represents a new benchmark for DC voltage measurement and isolation at the 2.2 kV level.

In addition to a reduced footprint, critical for maximizing cabinet space, the P42000 D2 also brings the following to the P40000 series of voltage transducers, which have years of proven success in the most challenging environments.

- Wider range of input selection capability - this means less devices to stock. One part number can now satisfy multiple applications.
- Unipolar and bipolar input ranges can be selected for all standard outputs, including 4-20 mA - this means full output resolution, regardless of whether the application calls for measurement of negative voltage ranges.

Further information on Knick's electrical measurement solutions, including the P42000 D2, can be found by visiting:

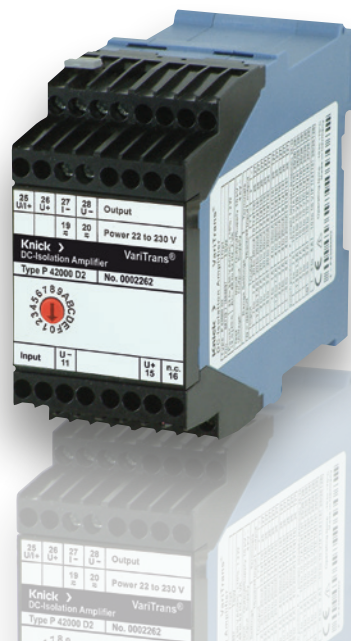
www.knick-international.com

Industries of focus include:

- **Railway:**
Rolling Stock and Substation Traction Power
- **Vehicle Electrification:**
Onboard, Charging Stations and Auxiliary Power Systems
- **Energy Storage:**
Production, Monitoring and Testing of Batteries and Supercapacitors
- **Power Generation:**
Traditional and Renewables
- **Energy Conversion:**
Motors, Generators, Drives and Inverters
- **Heavy Industrial:**
Metals Processing, Chemical Production, and Related Predictive Maintenance

Knick products mean not having to compromise on:

- **Accuracy:**
Gain error < 0.1 % of measured value with most products
- **Safety:**
Complete electrical isolation up to 4800 V AC/DC (working voltage, basic isolation), up to 18 kV test voltage
- **Speed:**
Cutoff frequencies 5 kHz to 13 kHz and response time (T_{90}) 45 μ s to 110 μ s
- **Flexibility:**
Configurable input/output ranges and universal power supply (20-253 VAC/DC)



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