



CONTROL

Electrical Measurement Solutions

Introducing the 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 Interface 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 P42 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 Interface's electrical measurement solutions, including the P42000 D2, can be found by visiting:

www.knick-interface.com



Industries of focus include:

- **Railway:**
Rolling Stock and Substation Traction Power
- **Vehicle Electrification:**
Onboard, Charging Stations and Auxiliary 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

CONTROL means not having to make compromises with:

- **Accuracy:**
Measurement error < 0.10% of measured value with most products
- **Safety:**
Complete electrical isolation (working voltage) up to 4800 VDC
- **Speed:**
Cutoff frequencies to > 5 kHz and response time (T90) to < 110 μ s
- **Flexibility:**
Configurable input/output ranges and universal power supply (20-253 VAC/DC)



Interface Technology

- High Voltage Transducers
- Isolated Signal Conditioners
- Sensor Transmitters
- Signal Duplication Devices
- Power Supplies
- Digital Indicators

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