

Universatile®



# DIGITAL PANEL METERS

Simple Calibration  
Unsurpassed Versatility  
Reliable Performance



CONTROL SYSTEMS • FIELD SERVICE • DRIVE PRODUCTS • DIGITAL PANEL METERS

800-343-1182  
[www.rteng.com](http://www.rteng.com)

## WHAT SEPARATES RT ENGINEERING FROM OTHER METER MANUFACTURERS?

### Simple Calibration

Select a scale, turn a pot, and you're done!

### Versatility

One model can accept multiple inputs and display various engineering units

### Reliability

Solid state components and rugged enclosures means long-lasting performance



### DPM SERIES

Upgrade error-prone analog meters quickly with highly accurate, solid state Universatile® Digital Rate Indicators from RT Engineering. The physical mounting dimensions of the DPM Series match most existing analog meters, eliminating the need to recut and redrill existing panels. Capable of accepting AC or DC input signals from 50 mV to 500 V, one model can display Amps, Volts, RPM, GPM, FPM or other rate related engineering units of measurement.

### Voltage Input

Universal Input scheme capable of accepting signals from 50 mV DC/100 mV AC to 500 VDC/480 VAC from a variety of devices, such as motor armatures, line or reference voltages, tachometers, load cells, shunts, current transformers, pressure & flow transducers, and others.

### THE TWO-MINUTE ANALOG-TO-DIGITAL METER RETROFIT

*Accuracy, Reliability and Versatility backed by a two-year warranty.*

Seem a Bit Outdated?  
So is your analog meter, man.



### Process Control

Input signals typically 4-20MA, 5-50MA, or offset voltage 1-5 VDC from devices such as flow, pressure, static and temperature transducers.

### Pulse Input

Universal Input scheme capable of accepting pulse inputs from 5PPS to 20,000PPS from a variety of devices, such as magnetic pickups, slow speed pickups (Hall Effect type), digital encoders (pulse generators), and others.

### Washdown

The DPM series Digital Panel Meters (4 1/2" case only) are available with a stainless steel enclosure; panel mounting gasket and silicone bezel sealant. This version is ideal for application where washdown is required, or where the atmosphere contains moisture, salt or other corrosive chemicals.

### Visual and Audible Alarm

The DPM series Digital Panel Meters (4 1/2" case only) are available with solid state relay output, featuring both visual and audible alarms. The alarms will activate whenever the display value becomes equal to or greater than (High set point), or equal to or less than (Low set point) a designated trip point.



### DIN SERIES

RT Engineering's DIN Series panel meters provide maximum flexibility in the field of digital indication. The DIN series combines a Universal input scheme with a product so Versatile, it can be used in a wide variety of applications – one model that's capable of doing many things well. Voltage Input Models accept AC or DC inputs from 50 MV to 500 V from a multitude of signal sources. The DIN Series meters can monitor and display electrical units, such as AC or DC amps and volts, or other engineering units, such as FPM, RPM, GPM and others.



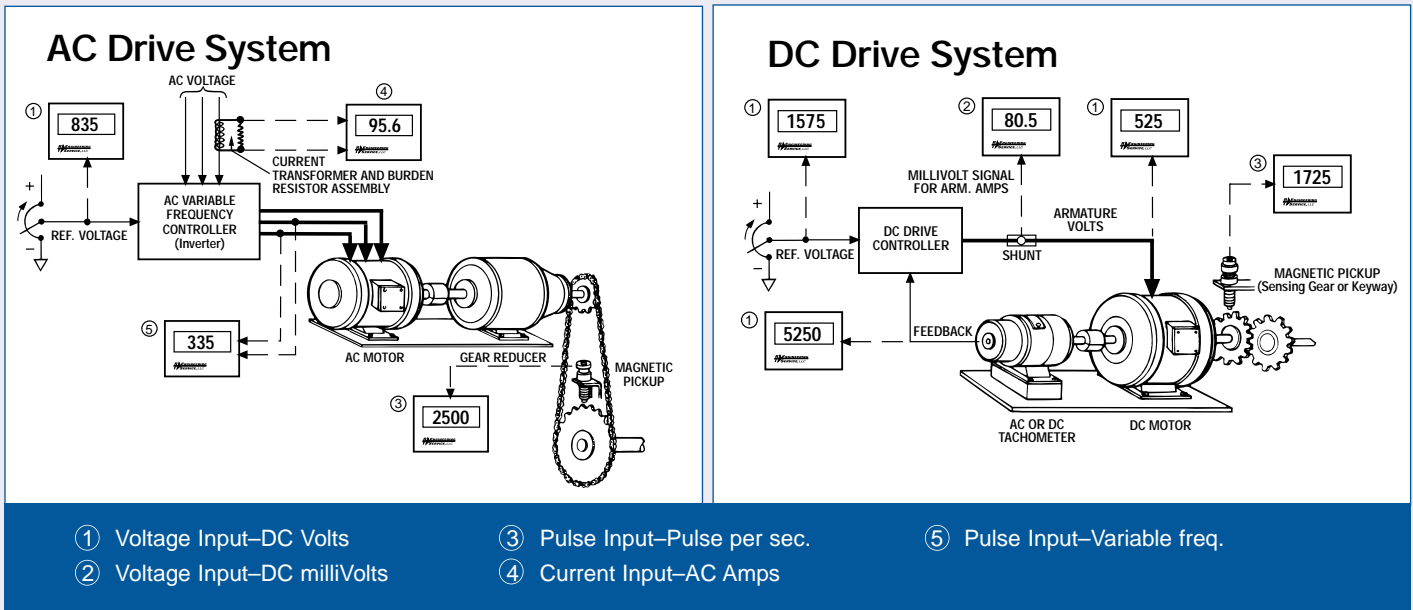
### DIN2 SERIES

The new DIN2 Digital Rate Indicators from RT Engineering, combine a host of features, yet consume very little enclosure space. All this at a low price. The physical mounting dimensions of the DIN2 match the standard DIN panel dimension, eliminating the need to recut and redrill existing panels. Capable of accepting DC input signals from 200mV to 600V and from 4-20 milliamps, one model can display Amps, Volts, RPM, FPM or other engineering units.

***GREAT FEATURES, LESS SPACE  
...AND A SUPER LOW PRICE!***



## TYPICAL APPLICATIONS



## ORDERING INFORMATION

Model Number	Features											
	UNIVERSAL INPUT	PROCESS (BIAS) INPUT	BI-POLAR INPUT	PULSE INPUT	PULSE INVERTER	NEIMA-4 ENCLOSURE (W)	HIGH (H) or LOW (L) SETPOINT	3 1/2" DIGIT	4 1/2" DIGIT	3 1/2" CASE	4 1/2" CASE	1/8" DIN CASE
DPM35	●				○	○	●					●
DPM35B		●			○	○	●					●
DPM35BP			●		○	○	●					●
DPM35P				●	○	○	●					●
DPM35PV				●	○	○	●					●
DPM45	●				○			●				●
DPM45B		●			○			●				●
DPM45BP			●		○			●				●
DPM45P				●	○			●				●
DPM45PV				●	○			●				●
DPMJR35	●						●			●		
DPMJR35B		●					●			●		
DPMJR35BP			●				●			●		
DPMJR35P				●			●			●		
DPMJR35PV				●			●			●		
DIN35	●				●		●					●
DIN35B		●			●		●					●
DIN35BP			●		●		●					●
DIN35P				●	●		●					●
DIN45	●				●		●		●			●
DIN45B		●			●		●		●			●
DIN45BP			●		●		●		●			●
DIN45P				●	●		●		●			●
DIN2-35	●	●	●		●		●					●
DIN2-35AC	●				●		●					●

- Standard Feature
- Optional Feature (Add the appropriate suffix)

115VAC Input Power Standard.  
Optional 24VAC or 230VAC Available when specified.

**All Digital Rate Indicators from RT Engineering are:**

- Available from Stock
- Backed by a two-year warranty
- Manufactured in USA

## DIMENSIONS

Download from: [www.rteng.com](http://www.rteng.com)

**RT ENGINEERING**  
**T SERVICE, LLC**