

Laurel Electronics



Customer Price List with Laureate Transmitters

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LAUREATE METER SERIES

High accuracy, high read rate, programmable digital indicators / controllers / computer interfaces for a wide variety of analog and digital inputs. Modular design, field installable options.

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Counter / timers Frequency, rate, total, time, batch, quadrature, draw, ratio, analog total.....	4
Serial input display RS232 / RS485 / Modbus input; display, alarm relays and analog outputs	4
Scale / weighing meter For weighing applications, net & gross, tare, count-by, auto zero	5

LAUREATE TRANSMITTER SERIES

High accuracy, high update rate, digitally programmable transmitters. Available in 4-20 mA / 0-10V or Modbus versions, with or without relays, with same signal conditioners and programmable functions as Laureate meters, counters and timers.

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GRAND SERIES LARGE DIGIT DISPLAYS

Grand and Grand Intuitive series of large digit displays, digit heights from 2" to 8". Serial, process, strain gauge, TC, RTD inputs. Also available as a clock, timer, totalizer, or frequency/rate meter.

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Junior series Low cost, variety of inputs, screwdriver adjustable, 3.5 digits, 1/8 DIN	13

ACCESSORIES

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HOW TO ORDER

When building a model number, make one entry per boxed heading. For example, Laureate model **L20010DCV1, EB** is a 20.0 mV DC voltmeter with plug-in screw terminals, red extra-bright LED display, high voltage AC/DC power supply, and analog output, plus an extra-bright LED display.

LAUREATE SERIES DIGITAL PANEL METERS

L.....LAUREATE series meter, plug-in screw terminal connectors.....\$220

Display Color

1.....DPM with green LED.....NC
 2.....DPM with red LED.....NC
 3.....Extended DPM, green LED.....\$40
 4.....Extended DPM red LED.....\$40
Extended does not apply to temperature.

Power

0.....95 to 240V AC, 95 to 300V DC.....NC
 1.....10 to 48V DC, 10 to 34V AC.....\$30

Setpoint Output

0.....None.....NC
 1.....Two 8A, Form C relays.....\$80
 2.....Two solid state relays.....\$55

Analog Output

0.....None.....NC
 1.....4-20 mA, 0-10 V.....\$90

Digital Interface

0.....None.....NC
 1.....RS232.....\$60
 2.....RS485.....\$80
 4.....Modbus RS485 (ASCII, RTU).....\$90

Input Type**DC Volts**

DCV1.....200.00 mV.....NC
 DCV2.....2.0000 V.....NC
 DCV3.....20.000 V.....NC
 DCV4.....200.00 V.....NC
 DCV5.....600.0 V *.....NC
 DCV6.....300.0 V.....NC

DC Amperes

DCA1.....2.0000 mA.....NC
 DCA2.....20.000 mA.....NC
 DCA3.....200.00 mA.....NC
 DCA4.....5.000 A.....NC

RMS Volts

RMV1.....200.00 mV.....\$35
 RMV2.....2.0000 V.....\$35
 RMV3.....20.000 V.....\$35
 RMV4.....200.00 V.....\$35
 RMV5*.....600.0 V.....\$35
 RMV6.....250.0 V.....\$35

RMS Amperes

RMA1.....2.0000 mA.....\$35
 RMA2.....20.000 mA.....\$35
 RMA3.....200.00 mA.....\$35
 RMA4.....5.000 A.....\$35

Process Signals (4-20 mA, 0-5V, etc.)

P.....4-20 mA = 0-10000 display.....NC
 P1.....Custom scaling.....\$10

Specify minimum signal & displayed reading, maximum signal & displayed reading. 5, 10 or 24V DC excitation.

Strain Gauges, Potentiometers (4-wire ratio)

SG.....0-200 mV = 0-10000 display.....NC
 SG1.....Custom scaling.....\$10

Specify minimum signal & displayed reading, maximum signal & displayed reading. Full scale inputs from 200 mV to 20V. 10V DC excitation.

Load Cells (6-wire ratio)

WM1.....-99,999 to +99,999.....\$55

Specify minimum signal & displayed reading, maximum signal & displayed reading. Full scale inputs from 20 mV to 500 mV. 10V DC excitation to power up to four load cells in parallel.

Thermocouples

JC.....-210 to 760°C.....NC
 JF.....-347 to 1400°F.....NC
 KC.....-244 to 1372°C.....NC
 KF.....-408 to 2501°F.....NC
 NC.....-244 to 1372°C.....NC
 NF.....-408 to 2501°F.....NC
 TC.....-257 to 400°C.....NC
 TF.....-430 to 752°F.....NC
 EC.....-270 to 1000°C.....NC
 EF.....-450 to 1830°F.....NC
 RC.....-45 to 1768°C.....NC
 RF.....-49 to 3213°F.....NC
 SC.....-46 to 1768°C.....NC
 SF.....-51 to 3214°F.....NC

100 Ohm Platinum RTD's

P385C.....-202 to 850°C.....NC
 P385F.....-331 to 1562°F.....NC
 P392C.....-202 to 850°C.....NC
 P392F.....-331 to 1562°F.....NC

Options

EB.....Extra bright red LED display.....\$30
 BL.....Blank lens, no button pads.....NC

Accessories

CBL01.....RJ11 to DB9 cable for RS232.....\$19
 CBL02.....USB to DB9 (can be used with CBL01).....\$39

* Range does not include U/L certification.

LAUREATE SERIES COUNTER / TIMERS

L.....LAUREATE series multifunction counter / timer / rate meter with dual-channel pulse, process, or quadrature input\$230

Display Color

5.....Basic counter with green LEDNC
6.....Basic meter with red LEDNC
7.....Extended meter with green LED.....\$40
8.....Extended meter with red LED.....\$40

Power

0.....95-240 Vac \pm 10% or 95-300 VdcNC
1.....Low voltage 12-34 Vac or 10-48 Vdc.....\$30

Setpoint Output

0.....None.....NC
1.....Two 8A, Form C relays.....\$80
2.....Two solid state relays.....\$55

Analog Output

0.....None.....NC
1.....4-20 mA, 0-10 V\$90

Digital Interface

0.....None.....NC
1.....RS232\$60
2.....RS485\$80
4.....Modbus RS485 (ASCII, RTU).....\$90

Input Type

Dual Channel Pulse or AC Inputs

FRscalable to 999,999NC

Basic counter

Frequency (2 channels simultaneously), rate (2 channels simultaneously), total (up or down, 2 channels simultaneously), period (2 channels simultaneously), stopwatch, time interval, square root of rate.

Extended counter

Above plus rate and total simultaneously, linearized inputs using up to 180 points, arithmetic functions (A*B, A/B, A+B, A-B, A/B-1), phase angle, duty cycle, up/down counting, batch control.

Process Rate & Total

VF1.....4-20mA.....NC
VF2.....0-1mA.....NC
VF3.....0-10V.....NC
VF4.....Custom Scaling Consult factory

Standard main board

Rate, rate & total simultaneously (analog totalizer), square root of rate (for differential pressure or target type flow meters).

Extended main board

Above plus linearized inputs using up to 180 points, batch control with rate, total and # of batches or grand total of all batches, time measurements based on rate.

Quadrature

QD.....scalable to 999,999\$30

Basic counter

Position or length from encoders. Accepts differential or single-ended inputs: 1x, 2x or 4x, plus zero index.

Extended counter

Above plus bidirectional rate (rate and position or length are not simultaneous).

Options

EB.....Extra bright red LED display.....\$30
BL.....Blank lens, no button pads.....NC

Accessories

CBL01.....RJ11 to DB9 cable for RS232\$19
CBL02.....USB to DB9 (can be used with CBL01).....\$39

LAUREATE SERIAL INPUT METER

L.....Laureate meter.....\$170
Requires Digital Interface.

Display Color

5.....Remote display with green LEDNC
6.....Remote display with red LEDNC

Power

0.....95-240 Vac \pm 10% or 95-300 VdcNC
1.....Low voltage 12-34 Vac or 10-48 Vdc\$30

Setpoint Output

0.....None.....NC
1.....Two 10A Form C relays.....\$80
2.....Two solid state relays.....\$55

Analog Output

0.....None.....NC
1.....4-20 mA, 0-10V\$90

Digital Interface

1.....RS232\$60
2.....RS485\$80
4.....Modbus RS485 (ASCII, RTU)\$90

Options

EB.....Extra bright red LED display.....\$30
BL.....Blank lens, no button pads.....NC

LAUREATE SCALE / WEIGHING METER

LWLaureate scale meter.....\$250

Display Color

1Meter with green LED.....NC
 2Meter with red LED.....NC
 3Extended meter, green LED\$40
 4Extended meter, red LED\$40

Power

095-240 Vac \pm 10% or 95-300 VdcNC
 1Low voltage 12-34 Vac or 10-48 Vdc.....\$30

Setpoint Output

0None.....NC
 1Two 8A, Form C relays.....\$80
 2Two solid state relays\$55

Analog Output

0None.....NC
 14-20 mA, 0-10 V\$90

Digital Interface

0None.....NC
 1RS232\$60
 2RS485\$80

Input Type**DC Volts**

DCV1200.00 mVNC
 DCV22.0000 VNC
 DCV320.000 VNC
 DCV4200.00 VNC
 DCV5600.0 V *NC
 DCV6300.0 VNC

DC Amperes

DCA12.0000 mANC
 DCA220.000 mANC
 DCA3200.00 mANC
 DCA45.000 ANC

Process Signals (4-20mA, 0-5V, etc.)

P4-20 mA = 0-10000 displayNC
 P1Custom scaling.....\$10

Specify minimum signal & displayed reading, maximum signal & displayed reading. 5, 10 or 24V DC excitation.

Strain Gauges, Potentiometers (4-wire ratio)

SG0-200 mV = 0-10000 displayNC
 SG1Custom scaling.....\$10
 Specify min input signal & min output, max input signal & max output. Full scale input 200 mV to 20V. Isolated 5V or 10V DC excitation available.

Load Cells (6-wire ratio)

WM1-99,999 to +99,999\$55
 Specify min input signal & min output, max input signal & max output. Full scale inputs from 20 mV to 500 mV. Isolated 10V DC excitation up to power up to four 350-ohm load cells in parallel.

Options

EBExtra bright red LED display.....\$30
 BLBlank lens, no button padsNC

Accessories

CBL01RJ11 to DB9 cable for RS232\$19
 CBL02USB to DB9 (can be used with CBL01)\$39

**LAUREATE TA 4-20 mA or 0-10V TRANSMITTERS,
"DPM" SERIES, ANALOG PROCESS INPUT**

Includes detachable screw clamp plug connectors, RS232 or RS485 port for programming, and isolated 5, 10 or 24V DC excitation. Jumpered for 10V excitation and RS232.

TALaureate transmitter with 4-20 mA or 0-10V isolated analog output (selectable at connector).....\$235

Main Board

2 Standard analog inputNC
4 Extended analog input.....\$40

Extended allows custom curve linearization & rate from successive readings. Not applicable to temperature.

Power

0 95-240 Vac \pm 10% or 95-300 VdcNC
1 Low voltage 12-34 Vac or 10-48 Vdc.....\$30

Setpoint Output

0 None.....NC
2 Two solid state relays.....\$30

Input Type

DC Volts

DCV1 200.00 mVNC
DCV2 2.0000 VNC
DCV3 20.000 VNC
DCV4 200.00 VNC
DCV5 600.0 VNC

DC Amperes

DCA1 2.0000 mANC
DCA2 20.000 mANC
DCA3 200.00 mANC
DCA4 5.000 ANC

RMS Volts*

RMV1 200.00 mV\$35
RMV2 2.0000 V\$35
RMV3 20.000 V\$35
RMV4 200.00 V\$35
RMV5 600.0 V\$35

RMS Amperes*

RMA1 2.0000 mA\$35
RMA2 20.000 mA\$35
RMA3 200.00 mA\$35
RMA4 5.000 A\$35

Process Signals (4-20 mA, 0-5V, etc.)

P 4-20 mA in = 4-20 mA or 0-10V out.....NC
P1 Custom scaling.....\$10

Specify min input signal & min output, max signal & max output.

Strain Gauges, Potentiometers (4-wire ratio)

SG 0-200 mV in = 4-20 mA or 0-10V out.....NC
SG1 Custom scaling.....\$10

Specify min input signal & min output, max input signal & max output. Full scale inputs from 200 mV to 20V.

Load Cells (6-wire ratio)

WM1 Custom scaling.....\$55

Specify minimum signal & output, maximum signal & output. Full scale input from 20 mV to 500 mV.

Thermocouples*

JC -210 to 760°CNC
JF -347 to 1400°FNC
KC -244 to 1372°CNC
KF -408 to 2501°FNC
NC -244 to 1372°CNC
NF -408 to 2501°FNC
TC -257 to 400°CNC
TF -430 to 752°FNC
EC -270 to 1000°CNC
EF -450 to 1830°FNC
RC -45 to 1768°CNC
RF -49 to 3213°FNC
SC -46 to 1768°CNC
SF -51 to 3214°FNC

100 Ohm Platinum RTD's*

P385C -202 to 850°CNC
P385F -331 to 1562°FNC
P392C -202 to 850°CNC
P392F -331 to 1562°FNC

Accessories

CBL03 RS-232 cable, 3-pin connector on transmitter end, DB9 connector on computer end.....\$19
CBL02 USB to DB9 adapter cable (can be used with CBL03).....\$39

* 5, 10 or 24V excitation output not available with RMS or temperature.

LAUREATE TA 4-20 mA or 0-10V TRANSMITTERS, "CTR" SERIES, PULSE INPUT

Includes detachable screw clamp plug connectors, RS232 or RS485 port for programming, and isolated 5, 10 or 24V DC excitation output. Jumpered for 10V excitation and RS232.

TALaureate transmitter with 4-20 mA or 0-10V isolated analog output (selectable).....\$235

Main Board

6Standard pulse input.....NC
8Extended (see notes below)\$40

Power

095-240 Vac \pm 10% or 95-300 VdcNC
1Low voltage 12-34 Vac or 10-48 Vdc.....\$30

Setpoint Output

0None.....NC
2Two solid state relays.....\$30

Input Type

Dual Channel Pulse or AC Inputs

FROutput scalable to 4-20 mA, 0-10V, or -999999 to 9999999NC

Standard main board

Frequency (2 channels simultaneously), rate (2 channels simultaneously), total (up or down, 2 channels simultaneously), period (2 channels simultaneously), stopwatch, time interval, square root of rate.

Extended main board

Above plus rate and total simultaneously, linearized inputs using up to 180 points, ratio, draw, arithmetic functions (A*B, A/B, A+B, A-B), phase angle, duty cycle, up/down counting, batch control.

Process Input with Totalizing

VF1.....4-20 mA.....NC
VF2.....0-1 mA.....NC
VF3.....0-10 V.....NC
VF4.....Custom Scaling Consult factory

Standard main board

Rate, rate & total simultaneously (analog totalizer), square root of rate (for differential pressure or target type flow meters).

Extended main board

Above plus linearized inputs using up to 180 points, batch control with rate, total and # of batches or grand total of all batches, time measurements based on rate.

Quadrature

QD.....Output scalable to 4-20 mA, 0-10V, or -999999 to 9999999 \$30

Standard main board

Position or length from encoders. Accepts differential or single-ended inputs: 1x, 2x or 4x, plus zero index.

Extended main board

Above plus bidirectional rate (rate and position or length are not simultaneous).

Accessories

CBL03.....RS-232 cable, 3-pin connector on transmitter end, DB9 connector on computer end..... \$19

CBL02.....USB to DB9 adapter cable (can be used with CBL03) \$39

LAUREATE TS6 4-20 mA or 0-10V TRANSMITTER, SERIAL DATA INPUT

TS6Laureate serial data input transmitter, Modbus or Laurel ASCII serial input, and 4-20 mA, 0-20 mA or 0-10V analog output \$175

Power

095 to 240 AC or 95 to 300V DC.....NC
112-34V ac or 10-48V dc \$30

Setpoint Output

0None.....NC
2Isolated dual solid state relays \$30

Accessories

CBL03.....RS-232 cable, 3-pin connector on transmitter end, DB9 connector on computer end..... \$19

CBL02.....USB to DB9 adapter cable (can be used with CBL03) \$39

**LAUREATE SERIAL OUTPUT TRANSMITTERS,
"DPM" SERIES, ANALOG PROCESS INPUT**

Includes detachable screw clamp plug connectors, RS232 or RS485 port, and isolated 5, 10 or 24V DC excitation output. Jumpered for 10V excitation and RS485.

TMLaureate transmitter, Modbus or Laurel protocol (selectable)\$210

Main Board

2 StandardNC
4 Extended (not applicable to temperature)....\$40

Power

0 95-240 Vac ±10% or 95-300 VdcNC
1 Low voltage 12-34 Vac or 10-48 Vdc.....\$30

Setpoint Output

0 NoneNC
2 Two solid state relays\$30

Scalable Analog Output

0 NoneNC
1 4-20 mA, 0-10 V\$25

Input Type

DC Volts

DCV1 200.00 mVNC
DCV2 2.0000 VNC
DCV3 20.000 VNC
DCV4 200.00 VNC
DCV5 600.0 VNC

DC Amperes

DCA1 2.0000 mANC
DCA2 20.000 mANC
DCA3 200.00 mANC
DCA4 5.000 ANC

RMS Volts*

RMV1 200.00 mV\$35
RMV2 2.0000 V\$35
RMV3 20.000 V\$35
RMV4 200.00 V\$35
RMV5 600.0 V\$35

RMS Amperes*

RMA1 2.0000 mA\$35
RMA2 20.000 mA\$35
RMA3 200.00 mA\$35
RMA4 5.000 A\$35

Process Signals (4-20 mA, 0-5V, etc.)

P 4-20 mA in = 4-20 mA or 0-10000 outNC
P1 Custom scaling\$10

Specify min signal & min output, max input signal & max output.

Strain Gauges, Potentiometers (4-wire ratio)

SG 0-200 mV = 4-20 mA or 0-10000 outNC
SG1 Custom scaling\$10

Specify min input signal & min output, max input signal & max output. Full scale inputs from 200 mV to 20V.

Load Cells (6-wire ratio)

WM1 Custom scaling\$55

Specify minimum signal & output, maximum signal & output. Full scale input from 20 mV to 500 mV. Isolated 10V DC excitation to power up to four 350-ohm load cells in parallel.

Thermocouples*

JC -210 to 760°CNC
JF -347 to 1400°FNC
KC -244 to 1372°CNC
KF -408 to 2501°FNC
NC -244 to 1372°CNC
NF -408 to 2501°FNC
TC -257 to 400°CNC
TF -430 to 752°FNC
EC -270 to 1000°CNC
EF -450 to 1830°FNC
RC -45 to 1768°CNC
RF -49 to 3213°FNC
SC -46 to 1768°CNC
SF -51 to 3214°FNC

100 Ohm Platinum RTD's*

P385C -202 to 850°CNC
P385F -331 to 1562°FNC
P392C -202 to 850°CNC
P392F -331 to 1562°FNC

Accessories

CBL03 RS-232 cable, 3-pin connector on transmitter end, DB9 connector on computer end\$19
CBL02 USB to DB9 adapter cable (can be used with CBL03)\$39

* 5, 10 or 24V excitation output not available with RMS or temperature.

**LAUREATE SERIAL OUTPUT TRANSMITTERS,
"CTR" SERIES, PULSE INPUT**

Includes detachable screw clamp plug connectors, RS232 or RS485, and isolated 5, 10 or 24V DC excitation output. Jumpered for 10V excitation and RS485.

TMLaureate transmitter, Modbus or Laurel protocol (selectable)\$210

Main Board

6Standard.....NC
8Extended\$40

Power

095-240 Vac \pm 10% or 95-300 VdcNC
1Low voltage 12-34 Vac or 10-48 Vdc.....\$30

Setpoint Output

0None.....NC
2Two solid state relays.....\$30

Scalable Analog Output

0None.....NC
14-20 mA, 0-10 V\$25

Input Type

Dual Channel Pulse or AC Inputs

FROutput scalable to 4-20 mA, 0-10V, or -999999 to 999999NC

Standard main board

Frequency (2 channels simultaneously), rate (2 channels simultaneously), total (up or down, 2 channels simultaneously), period (2 channels simultaneously), stopwatch, time interval, square root of rate.

Extended main board

Above plus rate and total simultaneously, linearized inputs using up to 180 points, ratio, draw, arithmetic functions (A*B, A/B, A+B, A-B), phase angle, duty cycle, up/down counting, batch control.

Process Input with Totalizing

VF14-20 mA.....NC
VF20-1 mA.....NC
VF30-10 VNC
VF4Custom Scaling Consult factory

Standard main board

Rate, rate & total simultaneously (analog totalizer), square root of rate (for differential pressure or target type flow meters).

Extended main board

Above plus linearized inputs using up to 180 points, batch control with rate, total and # of batches or grand total of all batches, time measurements based on rate.

Quadrature

QD.....Output scalable to 4-20 mA, 0-10V, or -999999 to 999999 \$30

Standard main board

Position or length from encoders. Accepts differential or single-ended inputs: 1x, 2x or 4x, plus zero index.

Extended main board

Above plus bidirectional rate (rate and position or length are not simultaneous).

Accessories

CBL03.....RS-232 cable, 3-pin connector on transmitter end, DB9 connector on computer end..... \$19

CBL02.....USB to DB9 adapter cable (can be used with CBL03) \$39

GRAND SERIES 2-INCH DISPLAYS

G02 Display with 2 inch (57 mm) high digits ...\$1040

Display Brightness

0 Normal indoor brightnessNC
1 Daylight viewing brightness\$130

Power

0 95 to 265 VacNC
1 11 to 30 Vdc\$120

RS422 / Setpoint Output

0 NoneNC
1 Two 2A relays\$110
2 RS-422 output\$110

Mounting Options

0 Black case panel mountNC
1 White case panel mountNC
2 Black case wall mountNC
3 White case wall mountNC
4 Black case suspension mountNC
5 White case suspension mountNC
6 Black weather cowl, 4 & 5 digits\$230
7 Black weather cowl, 6 & 7 digits\$310

Input Type

Serial ASCII Input

SER5 5 digitsNC
SER7 7 digits\$125

Clock

CLK4 4 digits, HH:MM\$40
CLK6 6 digits, HH:MM:SS\$155

Timer

TIM4 4 digits, HH:MM\$70
TIM6 6 digits, HH:MM:SS\$190

Process Signals (4 to 20 mA, 0 to 5V, etc.)

P 5 digits, 4-20mA\$110
P1 5 digits, custom scaling\$135
 Specify minimum signal & displayed reading, maximum signal & displayed reading.

Strain Gauges

SG 5 digits, 0-20 mV = 0-10000 display\$125
SG1 5 digits, custom scaling\$150
 Specify minimum signal & displayed reading, maximum signal & displayed reading.

Totalizer

TOT5 5 digit display\$125
TOT7 7 digit display\$245

Frequency, Rate

FR 5 digit display\$125

Options

GRP Remote programmer\$145

GRAND SERIES 4-INCH DISPLAYS

G04 Display with 4" (102 mm) high digits\$1500

Display Brightness

0 Normal indoor brightnessNC
1 Daylight viewing brightness\$130

Power

0 95 to 265 VacNC
1 11 to 30 Vdc\$120

RS422 / Setpoint Output

0 NoneNC
1 Two 2A relays\$110
2 RS422 output\$110

Mounting Options

0 Black case panel mountNC
1 White case panel mountNC
2 Black case wall mountNC
3 White case wall mountNC
4 Black case suspension mountNC
5 White case suspension mountNC
6 Black weather cowl, 4 & 5 digits\$310
7 Black weather cowl, 6 & 7 digits\$360

Input Type

Serial ASCII Input

SER5 5 digitsNC
SER7 7 digits\$180

Clock

CLK4 4 digits, HH:MM\$40
CLK6 6 digits, HH:MM:SS\$215

Timer

TIM4 4 digits, HH:MM\$70
TIM6 6 digits, HH:MM:SS\$245

Process Signals (4-20mA, 0-5V, etc.)

P 5 digits, 4-20 mA\$110
P1 5-digits, custom scaling\$135
 Specify minimum signal & displayed reading, maximum signal & displayed reading.

Strain Gauges

SG 5 digits, 0-20 mV\$125
SG1 5 digits, custom scaling\$145
 Specify minimum signal & displayed reading, maximum signal & displayed reading.

Totalizer

TOT5 5 digits\$125
TOT7 7 digit display\$300

Frequency, Rate

FR 5 digit display\$125

Options

GRP Remote programmer\$145

GRAND SERIES**6-INCH DISPLAYS**

G06 Display with 6 inch (144mm) high digits ..\$1735

Display Brightness

0 Normal indoor brightnessNC
1 Daylight viewing brightness\$130

Power

0 95 to 265 VacNC
1 11 to 30 Vdc\$120

RS422 / Setpoint Output

0 NoneNC
1 Two 2A relays\$110
2 RS422 output\$110

Mounting Options

0 Black case panel mountNC
1 White case panel mountNC
2 Black case wall mountNC
3 White case wall mountNC
4 Black case suspension mountNC
5 White case suspension mountNC
6 Black weather cowl, 4 & 5 digits\$360
7 Black weather cowl, 6 & 7 digits\$415

Input Type**Serial ASCII Input**

SER5 5 digitsNC
SER7 7 digits\$245

Clock

CLK4 4 digits, HH:MM\$40
CLK6 6 digits, HH:MM:SS\$275

Timer

TIM4 4 digits, HH:MM\$70
TIM6 6 digits, HH:MM:SS\$275

Process Signals (4 to 20mA, 0 to 5V, etc.)

P 5 digits, 4-20mA\$110
P1 5 digits, custom scaling\$135
 Specify minimum signal & displayed reading, maximum signal & displayed reading.

Strain Gauges

SG 5 digits, 0 to 20mV\$125
SG1 5 digit, custom scaling\$150
 Specify minimum signal & displayed reading, maximum signal & displayed reading.

Totalizer

TOT5 5 digits\$125
TOT7 7 digits\$350

Frequency, Rate

FR 5 digits\$125

Options

GRP Remote programmer\$145

GRAND SERIES**8-INCH DISPLAYS**

G08 Display with 8" (200 mm) high digits\$2275

Display Brightness

0 Normal indoor brightnessNC
1 Daylight viewing brightness\$130

Power

0 95 to 265 VacNC
1 11 to 30 Vdc\$120

RS422 / Setpoint Output

0 NoneNC
1 Two 2A relays\$110
2 RS422 output\$110

Mounting Options

0 Black case panel mountNC
1 White case panel mountNC
2 Black case wall mountNC
3 White case wall mountNC
4 Black case suspension mountNC
5 White case suspension mountNC
6 Black weather cowl, 4 & 5 digits\$415
7 Black weather cowl, 6 & 7 digits\$465

Input Type**Serial ASCII Input**

SER5 5 digit displayNC
SER7 7 digit display\$520

Clock

CLK4 4 digit display, HH:MM\$40
CLK6 6 digit display, HH:MM:SS\$540

Timer

TIM4 4 digit display, HH:MM\$70
TIM6 6 digit display, HH:MM:SS\$590

Process Signals (4 to 20mA, 0 to 5V, etc.)

P 5 digit, 4 to 20 mA\$110
P1 5 digit, custom scaling\$135
 Specify minimum signal & displayed reading, maximum signal & displayed reading.

Strain Gauges

SG 5 digit, 0 to 20 mV\$125
SG1 5 digit, custom scaling\$150
 Specify minimum signal & displayed reading, maximum signal & displayed reading.

Totalizer

TOT5 5 digit display\$125
TOT7 7 digit display\$640

Frequency, Rate

FR 5 digit display\$125

Options

GRP Remote programmer\$145

BAR SERIES 1/8 DIN BARGRAPH DISPLAY

BARBAR series 30-segment bargraph display, 1/8 DIN housing\$325

Display Color

1Bargraph with green LED\$15
2Bargraph with red LEDNC

Power

095 to 265 VacNC
111 to 30 Vdc\$45

Setpoint Output

0NoneNC
2Two 5A relays\$45

Format

0VerticalNC
1HorizontalNC

Input Type

Process Signals (4-20 mA, 0-5V, etc.)

P4 to 20 mA = 0 to 100%NC
P1Custom scaling\$15
Specify minimum signal & displayed reading, maximum signal & displayed reading. 15V DC excitation.

88-PRO LOOP POWERED METER

88 PRO88-PRO loop powered meter, 3.5 digit LCD display with two selectable dummy zeros, plug-in screw terminal connectors.....\$175

M35 MICROMINATURE PANEL METER

M353.5 digit microminature meter in a 1.9" x 0.95" (48 x 24 mm) case. Process input (4-20 mA, etc), isolated 10-30 Vdc power\$200

PRO-BAR LARGE BARGRAPH DISPLAY

PBLarge bargraph, 50-segment display, 11.3" x 2.8" (288 x 72 mm) case\$875

Display Color

2Bargraph with red LEDNC

Power

095 to 265 VacNC
111 to 30 Vdc\$80

Format

0VerticalNC
1HorizontalNC

Mounting Options

0PanelNC
1WallNC
2SuspensionNC

Input Type

Process Signals (4-0mA, 0-5V, etc.)

P4-20 mA = 0-10000 displayNC
P1Custom scaling\$15
Specify minimum signal & displayed reading, maximum signal & displayed reading. 24V DC excitation.

ACCESSORIES

TLS Triple-Output 4-20 mA Loop Splitter

TLS1 Loop splitter, 95-265 Vac power\$255
TLS2 Loop splitter, 11-30 Vdc power\$280

Enclosures for 1/8 DIN Cases

BOX1 Wall mounting polycarbonate enclosure sealed to NEMA 4X\$140
BOX2 Wall mounting polycarbonate enclosure sealed to NEMA 4, plus IPC cover\$180
IPC Front panel cover, seals the front of meter case to NEMA 4X\$40

Serial Cables for Laureate Meters & Transmitters

CBL01RJ11 to DB9 cable\$19
CBL02USB to DB9 adapter cable\$39
CBL03RS-232 cable, 3-pin connector on transmitter end, DB9 connector on computer end.....\$19

JUNIOR SERIES DPM

JR.....JUNIOR low-cost 3-1/2 digit indicator with plug-in screw terminal connectors.....\$155

Display Color

1.....DPM with green LED.....NC
2.....DPM with red LED.....NC

Power

0.....110 Vac.....NC
1.....230 Vac.....NC
2.....24 Vac.....\$45
3.....48 Vac.....\$45
4.....5 Vdc.....\$60
5.....11 to 30 Vdc.....\$80

Digit Options

0.....None.....NC
1.....Extra fixed zero for display to ±19990.....\$45

Connector Options

0.....None.....NC
1.....Decimal point selection.....\$15
2.....Variable brightness adjustment.....\$40

Input Type

DC Volts

DCV1200.0 mV.....NC
DCV22.000 V.....NC
DCV320.00 V.....NC
DCV4200.0 V.....NC
DCV5500 V.....NC

DC Amperes

DCA12.000 mA.....NC
DCA220.00 mA.....NC
DCA3200.0 mA.....NC
DCA42.000 A.....NC
DCA55.00 A.....NC

Process Signals (4-20mA, 0-5V, etc.)

P.....4-20 mA = 0-1000 display.....\$20
P1.....Custom scaling.....\$35
Specify minimum signal & displayed reading, maximum signal & displayed reading. 10 or 24V DC excitation.

AC Volts (Average)

ACV1200.0 mV.....\$35
ACV22.000 V.....\$35
ACV320.00 V.....\$35
ACV4200.0 V.....\$35
ACV5500 V.....\$35

AC Amperes (Average)

ACA12.000 mA.....\$35
ACA220.00 mA.....\$35
ACA3200.0 mA.....\$35
ACA42.000 A.....\$35
ACA55.00 A.....\$35