

London Electronics Large Display Meters

Fusion

- Analog & Digital Inputs
- Large, Bright Digits
- Setup Without Menus
- Indoor & Outdoor Models
- Choice of Mounting Position



Easy Reader



A simple and affordable way to see and share important measurements over large distances:

- 2" (57mm) digits for viewing up to 65ft (20m)
 - 4" (102mm) digits for viewing up to 130ft (40m)
- Available in 5 input types, these meters can be configured from the front panel.

DIGITAL METERS

SPECIFICATIONS

Process Input:	0-10V, ±13V, 4-20mA, ±24mA	Serial Input:	RS232 or RS485
Resistance:	1MΩ on V, 33Ω on mA	Display:	300-115200 baud
Excitation:	24V 60mA	Display:	-1999 to 9999 (4d)
Temperature Input:	Type J, K, T, R, S, B	Display:	-199999 to 999999 (6d)
	3 or 4 wire PT100 RTD	Accuracy:	±0.05% of range
Counter Input:	4 channels	Analog Out:	>1kΩ 16 bit resolution
Signal Type:	Logic level; AC tach; NPN, PNP pulses <24V; 100mV inductive pickup; Contact closure	Relays:	SPST 2A@250VAC resistive Selectable NO or NC Selectable energize or deenergize
Range:	0-40kHz	Temperature:	0-50°C operating
Excitation:	24V 60mA	Connectors:	detachable screw terminals
Loadcell Input:	4 or 6 wire	Power:	50VA max.
Resistance:	>10MΩ	Case:	Black uPVC, 75mm depth
Excitation:	10V 120mA		

ORDERING INFORMATION

Fusion2 - **A** - **B** - **C** - **D** - **E** - **F** - **G** - **H** - **I** - 0

Example: Fusion2-F2-4N-P-0-AL2-232-B-AC-1-0

A Digit Height

F2	2" (57mm)
F4	4" (102mm)
F6	6" (150mm)
F8	8" (200mm)
F12	12" (300mm)
F16	16" (400mm)

B Digit Format

4N	4 digit numeric
4C	4 digit clock
6N	6 digit numeric
6C	6 digit clock
8N	8 digit numeric

C Function

C	Counter
H	Clock/timer
L	Loadcell
P	Process
S2	RS232 slave
S4	RS485 slave
T	Temperature

D Analog Output

0	None
ANI	4-20mA
ANV	0-10V
ANB	±10V

E Alarm Outputs

0	None
AL2	2 alarms
AL4	4 alarms
SPCO	2 SPDT relays
DSS	2 solid state relays
QSS	4 solid state relays

F Serial Output

0	None
232	RS232
485	RS485
RTU	RS485 Modbus

G Display Color

R	Red
G	Green
Y	Yellow
B	Blue
W	White
RDLV	Red bright
GDLV	Green bright
YDLV	Yellow bright
BDLV	Blue bright

H Supply

AC	95-265VAC 50/60Hz
DC	11-30VDC
48VAC	48VAC

I Mounting

1	Panel, IP65 front
2	Wall, IP65
3	Top Suspension, IP65
4	Wall, IP54
5	Top Suspension, IP54
6	Rear Suspension IP54

SPECIFICATIONS

Process Input (Type P):	4-20mA, 0-10V, 1-5V, scalable
Accuracy:	±0.1% range ±1d @25°C
Display by:	1, 2, 5, 10, 20, 50
Count Input (Type C):	NPN, PNP or contact closure
Accuracy:	±0.05% range ±1d @25°C
Slave Input (Type S):	RS232, RS422, RS485 or TTY
Format:	ASCII data from 300-9600 baud
Addressing:	00 to FF
Reset:	Front panel or remote contact closure
Excitation:	24VDC, up to 30mA (except Slave)
Operating Temperature:	0-50°C, <95% RH non-condensing
Power:	95-265VAC, 11-30VDC
Dimensions:	ER2 10.3x5.8x1.8" (260x140x45mm)
	ER4 16.4x7.7x1.8" (415x195x45mm)
Sealing:	IP54 dust tight (IP65 optional)

ORDERING INFORMATION

To Order—Insert Code for Each Letter to Select Catalog Number. Example ER4P-2-0-0

ER **A** **B** - **C** - **D** - **E**

A Digit Size

2	2"
4	4"

B Type

P	Process Input
C	Count/rate Input
S	Slave (ASCII)
H	HH:MM Clock
T	TC & PT100 RTD

C Mounting

1	Flush Panel
2	Wall
3	Suspension
6	Top of Cabinet

D Power

0	95 - 265VAC
DC	11-30VDC

E Brightness

0	Normal
DLV	Ultrabright