

London Electronics Large Display Meters

Fusion

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



Easy Reader



SPECIFICATIONS

Process Input:	0-10V, ±13V, 4-20mA, ±24mA	Serial Input:	RS232 or RS485
Resistance:	1MΩ on V, 33Ω on mA		300-115200 baud
Excitation:	24V 60mA	Display:	-1999 to 9999 (4d)
Temperature Input:	Type J, K, T, R, S, B		-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

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.

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-O-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