

The Fusion Series of Large displays



Display functions

- Total
- Rate / Speed
- Target (ideal for production lines)
- Frequency
- Weight
- Temperature
- Humidity
- Real Time
- Elapsed Time
- Power, RPM, Torque
- Pressure
- ... any combination of the above

The Fusion series has these benefits...

- Easy to use, no-menu programming
- Smart styling, slim, easy to install
- Competitively priced
- Remote setting from ground level
- Modular options to suit your exact needs
- Displays can be built to custom formats
- Indoor and outdoor models
- Fast, free technical support
- Long warranty, extendable free of charge
- Can be built with AlphaNumeric displays
- Wide range of mounting and gland positions

Input signals for the Fusion

- 4-20mA, 0-10V, 1-5V etc
- Loadcells
- PNP, NPN, Namur, Contact closure, etc
- Serial Data RS232, 485, 422 etc.
- Temperature sensors
- Humidity sensors
- Profibus DP
- Logic Reset, Tare, Peak/Valley etc.

Sealing Standards

- IP65 for bottom glands, IP54 for top

What size digits are available?

- 57 mm for up to 25 metres viewing
- 102mm for up to 50 metres viewing
- 150mm for up to 75 metres viewing
- 200mm for up to 100 metres viewing
- 300mm for up to 140 metres viewing
- 400mm for up to 200 metres viewing

Which output options are possible?

- 2 or 4 alarm SPST relays, 2x SPDT
- 4-20mA, 0-10V or -10 to +10V analog
- RS232, RS485, Ethernet data output

Fusion display formats, colours and sizes

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Model numbers:-

Fusion-C Counter/Rate
 Fusion-L Weight/load
 Fusion-P 4-20mA/0-10V
 Fusion-S Serial data

Applications:-

Production totals, targets
 Vehicle Weight, tank volume,
 Silo contents, reservoir
 capacity, kWh energy pro-
 duced or consumed

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Model numbers:-

Fusion-H Clock / Timer
 Fusion-S Serial data

Applications:-

Factory time displays, public
 area clocks, down-counters,
 elapsed timers, time until event
 displays

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Model numbers:-

Fusion-C Counter/Rate
 Fusion-L Weight/Load
 Fusion-P 4-20mA/0-10V
 Fusion-S Serial data
 Fusion-T Temperature

Applications:-

Temperature, humidity, weight,
 load, RPM, rate

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Model numbers:-

Fusion-H Clock
 Fusion-S Serial data
 Fusion TT Time/Temp

Applications:-

Production line timing, factory
 clock synchronising with
 masters and slaves, Time
 until maintenance displays,
 time and temperature.

Digit colour options

Choose colours to match corporate image, to differentiate groups of displays or to suit the ambient lighting conditions.

We offer indoor and outdoor brightness versions.



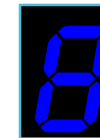
Red: Traditional, and the most popular colour. The lowest cost colour option, thanks to the high quantity of red displays we make. Ideal for outdoor mounting



Green: Preferred by those who consider red is an alarm colour. Best suited to indoor use, as green is less 'punchy' in direct sunlight.



Yellow: Ideal for outdoor and roadside applications. Good brightness and contrast. A neutral colour just as clear as red.



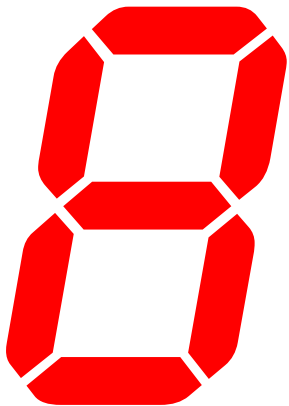
Blue: Fashionable and 'cool' to the eye. Adds a distinctive and sharp appearance to the display.



White: Entirely neutral, neither warning red or AOK green, or cool blue. Modern, with a retro feel, as the earliest displays used white bulbs.

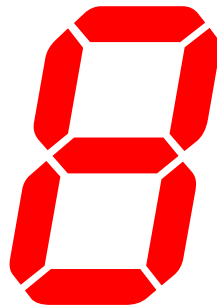
Digit sizes available as standard (shown much smaller than real size, to fit on page)

400 mm
16"

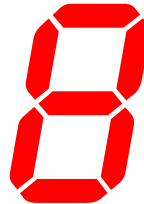


A 'Rule of Thumb' about digit height and viewing distance:- For every 10 metres of viewing distance, you need digits 1" high (The typical width of a thumb). so, if you will be up to 65 metres away, you will need digits at least 7 inches high - round up to the nearest inch.

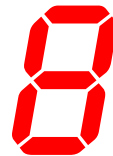
300 mm
12"



200 mm
8"



150 mm
6"



102 mm
4"



57mm
2.25"



Ordering Guide. Create a full part number like this:-

Display Height	Digits and format	Function type	Analogue Output	Alarm Output	Serial Data Output	Colour & brightness	Supply Voltage	Mounting & Gland position & Sealing	Special Requirements
2" 57mm digits -F2	4 digits numeric -4N	Counter -C	No output -0	No alarms -0	No data -0	Normal Inside	95-265VAC -AC	Panel, IP65 front -1	None -0
4" 102mm digits -F4	4 digits clock -4C	Clock/Timer -H	4-20mA -ANI	2 alarms -AL2	RS232 -232	Red -R	11-30VDC -DC	Wall, bottom, IP65 -2	RealTime Clock -RTC
6" 150mm digits -F6	6 digits numeric -6N	Loadcell -L	0-10V -ANV	4 alarms -AL4	RS485 -485	Green -G		Suspension, top, IP65 -3	8 memories -MEM
8" 200mm digits -F8	6 digits clock -6C	Process -P	+/-10V -ANB	2xSPCO -SPCO		Yellow -Y		Wall, top, IP54 -4	3 wire pot input -POT
12" 300mm digits -F12	6 digits numeric -6N	RS232 slave -S2		2xSolid State -DSS		Blue -B		Suspension, top, IP54 -5	100 updates/sec -100X
16" 400mm digits -F16	8 digits numeric -8N	RS485 slave -S4				White -W		Suspension, rear, IP54 -6	
		Temperature -T				Outdoor bright			
		Time +Temp. -TT				Red -RDLV			
		Time +RS485 -TZ				Green -GDLV			
		Millivolt -M				Yellow -YDLV			
						Blue -BDLV			

Example part number = **Fusion2-6N-P-ANI-AL2-0-R-AC-2-0**

Dimensions

	Fusion 2	Fusion 4	Fusion 6	Fusion 8	Fusion 12	Fusion 16
4 digit	279w x 154.5h	434w x 195.5h	514w x 247h	664w x 297.5h	984w x 397.5h	1304w x 497.5h
6 digit	376w x 154.5h	616w x 195.5h	744w x 247.5h	984w x 297.5h	1464w x 397.5h	1944w x 497.5h
8 digit	504w x 154.5h	824w x 195.5h	984w x 247.5h	1304w x 297.5h	-	-

