

Maxi-Int Large format user-friendly panel meters

Based on the most popular INTUITIVE panel meter range



- Easy to use
- Clear, bright display
- Secure lockout system
- Clearly written manuals
- Saves you time and money
- Generally available from stock
- Plug-in options for quick upgrades
- Calibration counter for audit trails

What makes these meters so popular with today's busy engineers?

These are among the **easiest** of programmable panel meters to commission. And they offer **high precision** with **long term reliability**.

If you normally programme meters via a menu system, you will know how tedious and time consuming this can be. This is why we designed the INTUITIVE series - to save you time.

The INTUITIVE family eliminates the need for menus. This means **faster commissioning** and **less stress** for you.

Not only is the meter **easy to adjust**, the operating manual is **clear, simple** and **easy to understand**.

You can directly access the setting you want. If you want to calibrate the zero, or the scaling, or the analogue output, or the alarms, or the 10 point linearisation facility, you get **directly** to that setting, not down a long menu system via other steps or settings!

- MAXI-INT-P** Process I/P for 4-20mA, 0-10V etc.
- MAXI-INT-I** Process Integrator for flow totalising
- MAXI-INT-T** Temperature J,K,T,R,S, PT100
- MAXI-INT-L** 4 and 6 wire loadcells.
- MAXI-INT-F** Frequency/Rate meter fully scalable
- MAXI-INT-C** Counter 6 digits, fully scalable
- MAXI-INT-S** Serial Data I/P for slave display

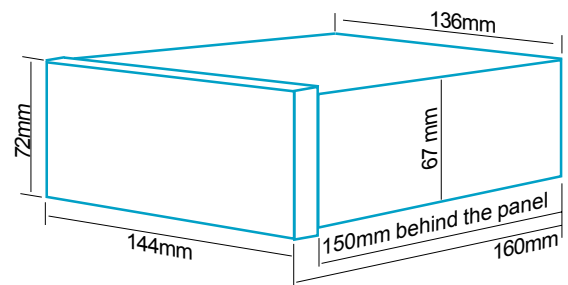
Plug-in Output options...

Isolated and scalable Analogue output
 4-20mA - Option **ANI**
 0-10V - Option **ANV**
 -5 to +5V - Option **ANB**

Alarm relays rated 5A 250 VAC resistive
 2 alarms - Option **AL2**
 4 alarms - Option **AL4**

Isolated Data output options
 RS232 - Option **232**
 RS485 - Option **485**
 DeviceNet - Option **DN**
 Modbus - Option **MB**
 Ethernet - Option **EN**
 Profibus DP - Option **PDP**

DIN format case, black polycarbonate



Panel cutout 73mm high x 138mm wide, +1mm, -0mm
 Depth behind panel 150mm max, including cables.
 550 grammes typical weight

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

Meter type	Analogue Output	Alarm Output	Serial Data Output	Display Colour	Supply Voltage	Special Requirements
MAXI-INT-	No output -0 4-20mA -ANI 0-10V -ANV -5/+5V -ANB	No alarms -0 2 alarms -AL2 4 alarms -AL4	No data -0 RS232 -232 RS422 -422 RS485 -485 DeviceNet -DN Modbus -MB Ethernet [^] -EN Profibus [^] -PDP	Red -R Green -G	95-265VAC -0 11-30VDC -DC	None -0 IP65 cover -SPC4-M Factory Scaled -FS Wall Box IP65 -WBM Fast update [^] -100X

Example code = MAXI-INT-P-ANI-AL2-0-R-0-SPC4-FS

MAXI-INT-P Process display which accepts 4-20mA, 0-10V, 1-5V, 0-10mA input. Ideal for all general purpose process measurements, such as flow, pressure, level, humidity etc. 24V Excitation rated to 60mA. Last digit selectable to count by 1,2,5,10,20 or 50. Variable filtering / averaging. Remote logic inputs for tare (force to zero), reset, peak and valley. Rear panel security lock.

MAXI-INT-L Loadcell Display for 4 wire and 6 wire loadcells. An ideal general purpose weighing indicator. 10V excitation rated to 120mA. Last digit selectable to count by 1,2,5,10,20 or 50. Variable filtering / averaging. Remote logic inputs for tare (force to zero), reset, peak and valley. Rear panel security lock. Alarm relays offer manual or automatic in-flight correction.

MAXI-INT-T Simple Temperature Display. Accepts J, K, T, N, R, S & PT100 DIN& ANSII sensors. Covers the full operating range of each sensor type and displays in Degrees C or F.

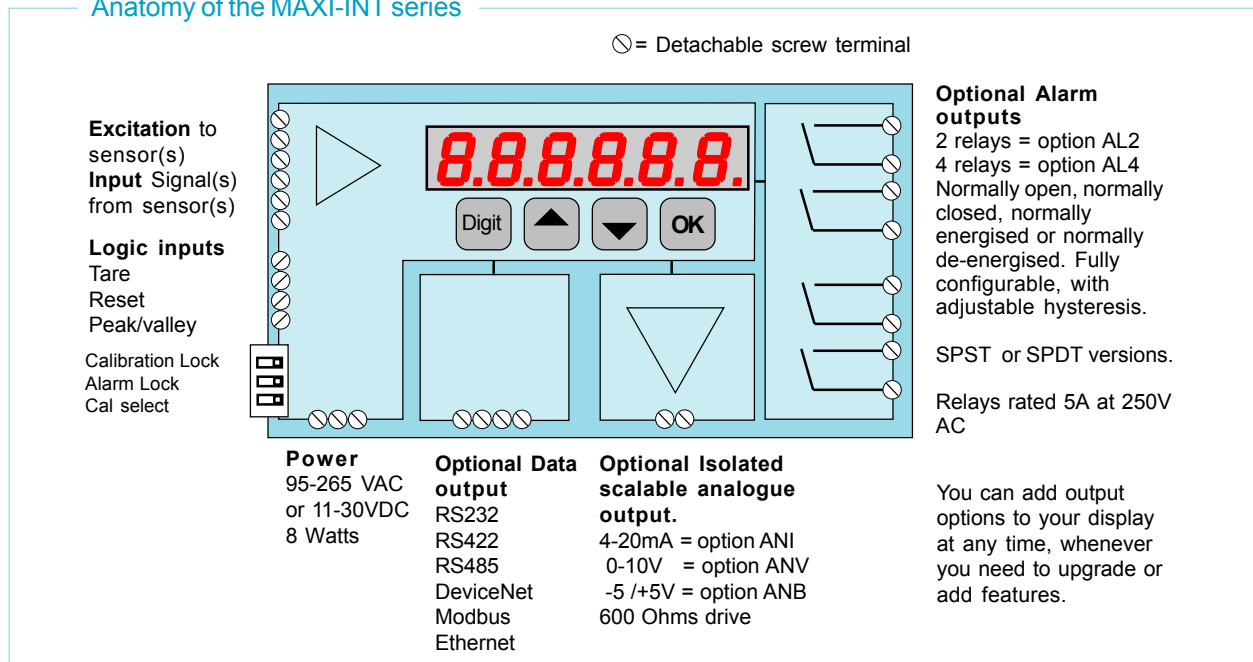
MAXI-INT-F Easy to scale Frequency/Ratemeter. Ideal for production rate, flow monitoring, speed measurement etc. NPN, PNP, contact, TTL inputs up to 50kHz.. 24V Excitation rated to 60mA. Also available to order for NAMUR inputs. 0.03 to 50 000 Hz. Input freq. range with fully adjustable scale factoring. Can average readings to give smoothed display. Versions also available to display bake time, projectile velocity, flow difference etc.

MAXI-INT-C Versatile Counter / Totaliser Display. NPN, PNP, contact, TTL up to 50KHz. Quadrature inputs up to 5kHz. 24V Excitation rated to 60mA. Also available to order for NAMUR inputs. 6 digit display capacity to 999999. A second input port allows you to add two pulse trains together, subtract one from the other, gate pulses with a logic level or change count direction by logic level.

MAXI-INT-S Serial Data Display for slave and remote applications. Accepts RS232, RS422, RS485 and TTY in ASCII format. Addressable 00 to FF. Able to extract data from complex strings. 300, 600, 1200, 2400, 9600 baud rate. With the special version

MAXI-INT-ST version, you can add strings together to give a total value, useful in batching and totalising applications.

Anatomy of the MAXI-INT series



For detailed technical information and manuals for this product, please see london-electronics.com or ask for our technical data CD, which is free of charge and includes handy engineering calculators.