

PROGRAMMABLE DIGITAL  
**PANEL METERS**



Wide choice of switchboard  
digital panel meters

Easy implementation

Programming without dedicated software

Numerous possible option boards

Format 24x48 mm / 48 x 96 mm



Measure up



# Programmable dig



Our range of panel meters offers a wide choice of electrical and physical measurement panels, such as:  
*DC-AC voltage, Process, Temperature, Potentiometer, Load Cells, Frequency Meter, Tachometer, Meter, Chronometer.*

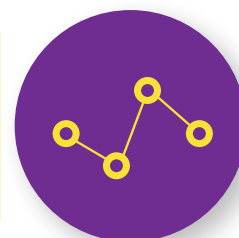
**For more than 30 years, the Chauvin Arnoux Group has been at your side** to offer you the panel meter which best matches your requirements. Today, they are divided into **3 ranges:  $\mu$ DIGI1,  $\mu$ DIGI2 and CA 2150.** They meet a wide variety of needs, whether in terms of mounting, screen dimensions or the numerous options available, such as alarm, analog or communication output boards.



Digital panel meters with **IP65** ingress protection can be used in demanding environments. Thanks to their rugged design, our products come with a 3-year warranty.



Their electrical connections use plug-in connectors with spring technology for quick implementation (the insertion tools are supplied with the product). The movable connection terminals simplify switchboard mounting for new or retrofit projects.



All our products are delivered with sets of labels to indicate the unit measured.



Parameterization is significantly simplified by an intuitive interface and is performed directly on the products.



**On the bottom for the  $\mu$ Digi1**



**On the front panel for the  $\mu$ Digi2 and CA2150**



# Digital panel meters

## ECONOMICAL RANGE

The simple, high-performance  $\mu$ DIGI1 Series, with **4 red digits 10 mm high**.

### $\mu$ DIGI 1-LP

#### Process

4-20 mA

### $\mu$ DIGI 1-LP

#### Process

$\pm 10, 20, 200$  V DC mA,  
 $\pm 100$  mV DC,  
 $\pm 20$  mA DC

### $\mu$ DIGI 1-E

#### DC voltage

600 V, 100 V

#### DC current

5 A, 1 A,

#### AC voltage

600 V, 100 V

#### AC current

5 A, 1 A



## ALL-IN-ONE RANGE

The  $\mu$ DIGI2 Series is ideal for simple, economical display and monitoring requirements with **4 red digits 14 mm high**.



### $\mu$ DIGI 2-E

#### DC voltage

600 V, 200 V, 20 V

#### DC current

5 A, 1 A, 100 mV, 60 mV

#### AC voltage

600 V, 200 V, 20 V

#### AC current

5 A, 1 A, 100 mV, 60 mV

### $\mu$ DIGI 2-P

#### Process

$\pm 20$  mA, 10 V, 200 V, dynamo-tachometric

#### Temperature

J, K, T and N thermocouples, Pt100, Pt1000

#### Potentiometer

100  $\Omega$  à 100 k $\Omega$

#### Resistance

Ranges 1 k $\Omega$ , 10 k $\Omega$  et 50 k $\Omega$

## MULTIFUNCTION RANGE

The CA 2150 Series is a multifunction range equipped with a multicolored programmable display with **5 red, green and amber digits 14 mm high**. This series benefits from modular outputs offering the possibility of transmitting information in digital, analog or alarm form via the relay output.



### CA 2150-E

#### DC voltage

600 V, 200 V, 20 V, 2 V

#### DC current

5 A, 1 A, 100 mV, 60 mV, 50 mV, 200 mA

#### AC voltage

600 V, 200 V, 20 V, 2 V

#### AC current

5 A, 1 A, 100 mV, 60 mV, 50 mV, 200 mA

### CA 2150-M

#### Process

$\pm 20$  mA, 10 V, 200 V

#### Temperature

J, K, T and N thermocouples, Pt100

#### Potentiometer

200  $\Omega$  to 100 k $\Omega$

#### Load cells

$\pm 15$  mV,  $\pm 30$  mV,  $\pm 150$  mV

### CA 2150-D

#### Frequency meter

#### Tachometer

#### Meter

#### Chronometer

10 to 300 Vac, magnetic sensor, Namur, NPN/PNP, TTL/24Vdc encoder, dry contact

## Available options

Model	μDIGI1		μDIGI2		CA2150
Format	48x24x40mm		96x48x60mm		96x48x60mm
Digits	-1999/9999		-1999/9999		±39999 99999 (CA2150-D)
Resolution	±15 bits		±15 bits		±15 bits
Readings	62/s		20/s		20/s
Load cell	mV / V				
Process	± 10 VDC		μDIGI1 P		CA2150 M
	± 20 mA	μDIGI1 LP			
Temperatura	Potentiometer				
	Pt1000				
	Pt100				
	J thermocouple				CA2150 M
	T thermocouple				
N thermocouple					
Thermocouple N					
Electrical variables	Ohmmeter				
	DC ammeter		μDIGI1 P	μDIGI1 E	CA2150 E
	DC voltmeter				
	AC ammeter				
	AC voltmeter			μDIGI2 E	
Frequency meter					
Pulse input	Tachometer				CA2150 D
	Totalizer				
	Meter				
	Chronometer				
Power supply	85-265VAC/100-300VDC		μDIGI1 P/E		CA2150 M/E/D
	21-53VAC/10-70VDC		μDIGI1 P/E		CA2150 M/E/D
	11-265VDC/20-265VAC				μDIGI2 P/E
	Self-powered	μDIGI1 LP			
Output options	2 x 8A CO relays				CA2150 M/E/D
	4 x 5A on-off relays				
	Analog 4-20mA				
	Analog 0-10V				
	RS232C				
	RS485				

## To order

		References							
		μDIGI1			μDIGI2		CA2150		
		μDIGI1 LP	μDIGI1 P	μDIGI1 E	μDIGI2 E	μDIGI2 P	CA2150 E	CA2150 M	CA2150 D
Power supply	Self-powered (active loop)	P01 330 000							
	85 - 265 Vac & 100 - 300 Vdc		P01330031	P01330011			P01308005	P01308001	P01308003
	22 - 53 Vac & 10,5 - 70 Vdc		P01330032	P01330012			P01308006	P01308002	P01308004
	20/265 Vac - 11/265 Vdc				P01330081	P01330080			
Option boards*	CA 2150/μDIGI2 AL board, 2 relays						P01319301		
	CA 2150 AL board, 4 relays							P01319303	
	CA 2150 COM board, RS232							P01319306	
	CA 2150 COM board, RS485							P01319307	
	CA 2150 0 - 10 V output board							P01319310	
	CA 2150 4 - 20 mA output board							P01319311	

\*Additional boards (complement or replacement)

**FRANCE**  
**Energy**  
 16, rue Georges Besse - Silic 44  
 92182 ANTONY Cedex  
 Tél : +33 1 75 60 10 30  
 Fax : +33 1 46 66 62 54  
 caenergy@chauvin-arnoux.com  
 www.chauvin-arnoux-energy.com

**UNITED KINGDOM**  
**Chauvin Arnoux Ltd**  
 Nelson Ct, Flagship Sq, Shaw Cross Business Pk  
 Dewsbury, West Yorkshire - WF12 7TH  
 Tel: +44 1924 460 494  
 Fax: +44 1924 455 328  
 info@chauvin-arnoux.co.uk  
 www.chauvin-arnoux.com

**MIDDLE EAST**  
**Chauvin Arnoux Middle East**  
 P.O. BOX 60-154  
 1241 2020 JAL EL DIB - LEBANON  
 Tel: +961 1 890 425  
 Fax: +961 1 890 424  
 camie@chauvin-arnoux.com  
 www.chauvin-arnoux.com

 **CHAUVIN  
ARNOUX**  
 GROUP