



Digits	4
Digit height	14mm
Color	Red
Reading	9999/-1999
Frontal	96x48mm
Mounting	Panel
Power	H (85-265Vac/dc) L (11-60Vdc and 24/48Vac)
Output and control options	Relay outputs (1 to 2) Analog output RS-485
Accessories	DIN rail mount Benchtop housing Wall mount housing Adapter 96x96mm Labeling units
Main features	Series OEM Multi signal Reading up to 5 meters Front keypad configuration Optional relay, analog and serial outputs Protection IP50/IP54/IP65 Plug-in screw terminals High quality front lens Function 'ECO' Function 'Fast access' Function 'External control'
Main function / Input signal	For Process For Pt100, Pt500, Pt1000, Ni100, Ni120, NTC and Thermocouples K J E N L C R S B T AC Voltmeter up to 400Vac DC Voltmeter up to $\pm 400Vdc$ AC Ammeter up to 5Aac DC Ammeter up to $\pm 5Adc$ Resistances

The Series C of digital panel meters offers a range of low-cost but highly versatile instruments for most usual industrial applications. The standard 14mm digit height provides an excellent view for a distance of up to 5 meters, with a sharp and clean reading. The visual lines of the Series C stand for a clean and wide front space, where the main role is focused on the value displayed. The keypad located at the bottom provides configuration access to the instrument.

Series C achieves a reduced price mainly obtained from reduced technical specifications compared with higher series, although still offering around 0.2% FS accuracy and 3 acquisitions / second.

Series C also has a limited compatibility for output and control options compared with Series M, but still can feature 1 or 2 relay outputs, or 1 analog 4/20mA output or 1 serial RS-485 ASCII output. All circuits are isolated.

Series C benefits from scale economy, making use of high quality components, power supplies, housings and quality procedures from higher grade Series M.





The Series C internal architecture features a modular design providing field upgradable option cards, to expand functionality as needed.

In short, the Series C is the recommended series for machine manufacturers, OEM integrators and commercial distributors, due its reduced price and its wide range of signals accepted. It presents a compact solution, technically reliable, that adapts to most usual needs in the industrial automation field.





# MODELS

# OUTPUT AND CONTROL OPTIONS

Model	C40-A
Main function	MULTI SIGNAL PANEL METER
Ranges	AC and DC voltages up to 400Vac and $\pm 400$ Vdc, AC and DC currents up to 5Aac and $\pm 5$ Adc 4/20mA, 0/10Vdc Pt100, PT500, Pt1000, Ni100, Ni120, NTC, thermocouples K J E N L C R S B T
Digits	4
Reading	9999/-1999
Digit height	14mm
Channels	1
Excitation voltage	- - -
Notes	
Total error	<0,2%depends on selected input range
Thermal drift	<150ppm/°
Step response	<300mSec.
Acquisitions	3/second
Power	H (85-265Vac/dc) L (11-60Vdc y 24/48Vac)
Consumption	<1,5W meter only (<0.3W with 'ECO') <2,5W with options (<1.5W with 'ECO')
Isolation	2000Veff (Power AC) 1500Veff (Power DC)
Protection	IP50 (Option IP54 and IP65)
Output and control options	Maximum 2
Labeling units	Yes
Configuration	Frontal keypad and internal jumpers
Mounting	Panel (optional Wall)
Weight	<150gr.
Depth	91mm (including terminals)


Option	A1	A2	M1	S1
Main function	1 RELAY OUTPUT	1 RELAY OUTPUT	1 ANALOG OUTPUT	1 RS-485 SERIAL OUTPUT
				
Characteristics	3 terminals (NC, NO, common) 250Vac, max. 8A	3 terminals (NC, NO, common) 250Vac, max. 8A	Output in 4/20mA	Up to 38400bps
Isolation	Yes, 3500Veff	Yes, 3500Veff	Yes, 1000Vdc	Yes, 1000Vdc
Installable at	Option1	Option2	Option1	Option1
Notes	For 2 relay outputs, install A1 and A2	Needs a module installed at option 1		







# OTHER OPTIONS

Option	NBT	EK	54	65
Main function	WITHOUT FRONT KEYPAD	EXTERNAL CONTROL	FRONT IP54	FRONT IP65
				
Characteristics		Contact on/off		
Notes	The front keypad is not accessible to the operator. To access the keypad, uninstall the instrument from the panel, and remove the front filter.	Contact state controls activation / deactivation for configured function.	O-ring for the panel-instrument junction	The IP65 seal blocks access to internal modules. Internal modules can not be added or replaced without breaking the Front IP65 protection seal.

# ACCESSORIES

# MODELS, OPTIONS, AND ACCESSORIES SERIES C

Option	DRA-M	KA96	THM	KIP	WME
<b>Main function</b>	DIN RAIL ADAPTER 	ADAPTER 96X96mm 	BENCHTOP HOUSING 	IP65 FRONT COVER 	WALL MOUNT HOUSING 
<b>Notes</b>	Adapter for DIN rail mounting. For panel meters with front size 96x48mm.	Adapter for 96x96mm front size. For panel meters with front size 96x48mm.	Benchtop housing. For panel meters with front size 96x48mm.	Removable front cover that provides IP65 protection. For panel meters with front size 96x48mm. Allows access to the front of the instrument.	Wall mount housing. For panel meters with front size 96x48mm. Together with KIP front cover, it provides full IP65 protection.

Option	LABEL UNITS1	LABEL UNITS2	LABEL UNITS3	LABEL UNITS4	LABEL UNITS5	LABEL UNITS6
<b>Main function</b>	LABEL WITH PRINTED UNITS 	LABEL WITH PRINTED UNITS 	LABEL WITH PRINTED UNITS 	LABEL WITH PRINTED UNITS 	LABEL WITH PRINTED UNITS 	LABEL WITH PRINTED UNITS 
<b>Notes</b>	Labeling with printed units "Vdc", "mA", "%", "mm", "RPM", "m/min", "BAR", "°C" and ".".	Labeling with printed units "Vdc", "Vac", "Adc", "Aac", "mVdc", "mVac", "mAdc", "mAac" and ".".	Labeling with printed units "°C", "°F" and ".".	Labeling with printed units "mHz", "Hz", "KHz", "mSec", "Sec", "min", "Units", "RPM" and ".".	Labeling with printed units "mm", "cm", "m", "l", "m3", "RPM", "m/min", "Units" and ".".	Labeling with printed units "hrs", "min", "sec", "cent", "days", "time" and ".".

## How to order

Model	Power	Option1	Option2	Others	Customization
C40	A	A1	A2		
- A	- H - L	- A1 - M1 - S1 - (empty)	- A2 - (empty)	- EK - NBT - 54 - 65 - (v)	- XXXX (customized execution)

Note: Option2 needs Option1 installed.