

N24

Universal input digital panel meter for measurement of d.c. voltage or d.c. current, temperature from Pt100 sensors and J, K thermocouples, a.c. voltage and a.c. current.

N24H11XX
 4 Digit Panel Meter, ±100V DC input, 240V ac



- Universal input (Programmable)
- Wide voltage, AC/DC control
- 4 Digit LED display

PRODUCT DESCRIPTION

Please refer to the image below for ordering information.

Part numbers have changed from ending with E0 to M0, please be advised any part numbers below that end in E0 may say M0 in the datasheet. The product is the same.

ORDERING									
TABLE 1. ORDERING CODES:					TABLE 2. INPUT SIGNALS				
	N24	X	X	X	XX	XX	X	X	
Input kind:									
standard: voltage, current		S							
temperature: thermocouples, resistance thermometers		T							
a.c. signals		Z							
d.c. signals: high voltage and high current		H							
Input:									
see table 2			X						
Supply:									
230 V a.c.								1	
85...253 V a.c./d.c. with supply output 24 V/30 mA*								4	
20...40 V a.c./d.c. with supply output 24 V/30 mA*								5	
Unit:									
see table 3					XX				
Version:									
standard								00	
non-standard settings								NS	
custom-made**								XX	
Language:									
Multilingual (polis-english)									M
other**									X
Acceptance tests:									
with test certificate									1
acc. to customer's request**									X
* -The output is only in N24S and N24T meters									
** - After agreeing with the manufacturer									
					TABLE 3. CODES OF PRINTED UNITS:				
Code	Unit	Code	Unit	Code	Unit	Code	Unit	Code	Unit
00	without unit	06	mA	12	bar	01	°C	07	kA
01	°C	07	kA	13	kPa	02	%	08	kV
02	%	08	kV	14	MPa	03	A	09	Hz
03	A	09	Hz			04	V	10	turns
04	V	10	turns	XX	on order	05	mV	11	rpm
05	mV	11	rpm						
					TABLE 4. EXAMPLE OF NON-STANDARD SETTINGS:				
Parameter		Range/Value							
Decimal point		000.0 for I, U							
Averaging time		1 s							
Upper measurement overflow		9999							
Lower measurement overflow		-1999							
Individual characteristic		enabled							
Parameter a of the individual characteristic		5							
Parameter b of the individual characteristic		0							
Order example 1 :					Order example 2 :				
The code N24Z-2 1 04 00 M 1 means:					The code N24S-1 4 02 NS M 1 means:				
N24Z - digital meter for a.c. signals					N24S - digital meter for d.c. signals				
2 - input: 250 V a.c.					1 - input: 0...20mA				
1 - supply: 230 V a.c.					4 - supply: 85...253 V a.c. with supply output: 24V/30mA				
04 - unit: V					02 - unit: %				
00 - standard version					NS - non-standard settings, display range: 0...100.0				
M - multilingual					M - multilingual				
1 - with test certificate					1 - with test certificate				

TECHNICAL DATA

Additional functions	Rescaling
Digit height	20 mm
Dimensions	96 x 48 x 64 mm Panel cut-out: 92+0,6 45+0,6 mm
Display	Yes

Input type	±100V dc
IP class	IP65
Mounting	Panel mount
Number of digits	4
Supply voltage	240 V ac
Temperature operational max	55 °C
Temperature operational min	-10 °C
Weight	0,25 kg