OEM Automatic Ltd
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

N20Z

AC parameter digital panel meter for measurements of a.c. voltages, a.c. currents, or frequency.

N20Z42XX
Panel Meter, 2 x OC outputs, 1A ac input, 20-40V ac/dc



- AC voltage, AC current or frequency input
- Wide voltage, AC/DC control
- 3 Colour, 5 digit display. Red, green and orange

PRODUCT DESCRIPTION

APPLICATION

The N20Z meter is a digital programmable panel instrument destined for measurements of a.c. voltages or a.c. currents, or frequency.

FEATURES

– three-colour display: red, orange, green, facilitating the observation of measured value changes,
– readout field: 5-digit LED, 14 mm digit height,
– 2 alarm outputs of OC type (4 types of alarms),
– signaling of alarm states through the highlight of the alarm index,
– housing protection level: IP 65,
– programming possibility of chosen meter parameters with the use of the PD14 programmer and free delivered LPConfig software:
- display colour, individually in three intervals,
- thresholds of displayed overflows
- display precision of the result (decimal point),
- highlight of the unit,
- kind of measured signal a.c. or a.c. + d.c. (True RMS),
- averaging time of the measurement,
- recalculation of indications (individual characteristic),
- two alarms of OC type operating in six working modes.

Please refer to the image below for ordering information.

Part number key

Digital panel meter N20Z -	X	X	XX	XX	X
Input:					
100 V	1				
250 V	2				
400 V	3				
1 A	4				
5 A	5				
frequency 20... 500 Hz	6				
Supply Voltage:					
85... 253 V a.c. (45...65 Hz) or d.c.		1			
20... 40 V a.c. (45...65 Hz) or d.c..		2			
Unit:					
code number of the unit acc. table 2			XX		
Kind of execution:					
standard				00	
special execution				XX	
custom-made				99	
Acceptance tests:					
without extra additional requirements					8
with an extra quality inspection certificate					7
acc. to customer's agreement					X

TABLE 2. CODES OF HIGHLIGHTED UNIT:					
Code	Unit	Code	Unit	Code	Unit
00	without unit	17	µm	34	bar
01	V	18	mm	35	rad
02	A	19	cm	36	Ω
03	mV	20	m	37	kΩ
04	kV	21	km	38	%
05	MV	22	l	39	'
06	mA	23	l/s	40	turns
07	kA	24	l/h	41	rps
08	MA	25	ms	42	rpm
09	°C	26	s	43	rph
10	°F	27	h	44	m/h
11	K	28	N	45	km/h
12	Hz	29	kN	46	imp
13	kHz	30	Pa		
14	Ah	31	hPa	XX	on order[1]
15	kAh	32	kPa		
16	m/s	33	MPa		

;

TECHNICAL DATA

Additional functions	Rescaling
Digit height	14 mm
Dimensions	96 x 48 x 64 mm Panel cut-out: 92+0,6 45+0,6 mm
Display	Yes
Input type	5A
IP class	IP65
Mounting	Panel mount
Number of digits	5
Supply voltage	20-40V ac/dc
Weight	0.25 kg

