



DHB-124

DHB-124, Digital indicator

Code: M22022.

- > Communications: RS-485
- > N° relays: 3
- > Analog output: 1 (0/4...20 mA) |1(0...10V)
- > Measure: imp., Hz.
- > Paramètre: Impulses, frequency, circular speed, periods, worktime, encoder position
- > Mounting: Pannel

Specifications

AC power supply

Installation category	CAT III 300V
Consumption	1,2...9 VA
Frequency	40...400 Hz
Nominal voltage	85...253 Vc.a.

DC power supply

Installation category	CAT III 300 V
Consumption	1,2...6 W
Nominal voltage	85...253 Vdc

Mechanical characteristics

Size (mm) width x height x depth	96 x 48 x 93 (mm)
Envelope	Self-extinguishing V0 plastic
Weight (kg)	0,3

Environmental characteristics

Protection class	IP 65 (Front), IP 10 (rear)
Relative humidity (without condensation)	25...95 %
Storage temperature	-33...+70 °C
Operating temperature	-25...+55 °C

Communications

Fieldbus	RS-485
Stop bits (ModBus)	1-2
Parity	non-pair-impair
Protocol	Modbus RTU
Speed	4800-9600-19200-38400-57600-115200

Standards

Electrical safety, Maximum height (m)	2000
Standards	UNE EN 61000-6-2, UNE EN 61000-6-4, UNE EN 61010-1

User interface

LED	7
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Panel mounted digital instruments

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Keyboard	4 keys
Display type	7 segments (5 digits) LED
Analogue outputs	
Current mode, nominal range	0...20 mA or 4...20 mA
Current mode: minimum load resistance	$\leq 500\Omega$
Voltage mode, minimum load resistance	$\geq 500\Omega$
Voltage mode: nominal output range	0...10 Vdc
Digital relay outputs	
Maximum current	0,5 A
Maximum open contact voltage	250 Vac
Electrical life	1×10^5 ciclos (250 Vc.a. / 5 A)
Mechanical life	1×10^6 cycles
Maximum switching capacity	1500 W o 1250 VA
Measurement accuracy	
Frequency measurement	0,01
Display ranges	
Run time meter	0 ... 99999 h
Encoder	-19999 ... 99999
Frequency	<10 kHz : 0,05...99999 Hz / >10 kHz : 1...99999 Hz
Current time	00:00 ... 23:59
IN1/IN2 pulse meters	-19999...99999
Time period	<10 s (0,0001 ... 11s) / >10 s (0,0001 ... 3600s)
Rotation speed meter	0,05...99999 rpm
Open collector output	
Type	NPN
Voltage	30 Vc.c. / 30 mA
External transducer power supply output	
Voltage / Current	24 Vc.c. / 30 mA
Input signal	
Voltage	5 ... 36 Vc.c.
Input types	
Encoder (maximum frequency)	10 kHz
Frequency	<10 kHz : 100 kHz / >10kHz: 1MHz
Maximum time frequency	100 kHz



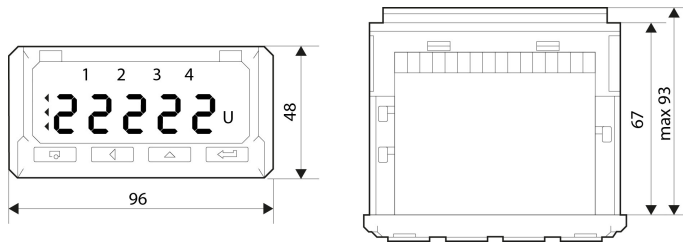
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Maximum pulse input frequency IN1/IN2	10 kHz / 8 kHz
Maximum rotation speed frequency	100 kHz

Dimensions



Connections

