BASI

PROGRAMMABLE DIGITAL INDICATOR   BDI08
(5 front sizes)

- **Transmitter supply (12) 24VDC**
- **Input 0-20, 4-20mA, 0-5 or 0-10V**
- **4-digit LED**
- **Low cost**
- **2 relay output**
- **Pulsed output**
- **Supply 90 to 250VAC/DC or 12 to 24VAC/DC**
- **Fully programmable parameters**

DESCRIPTION
BDI08 is a cheap programmable process indicator for panel mounting designed for wide range of display applications with/without relay alarm. Equipped with a bright 4-digit LED display, this model is especially suitable for measuring and controlling various technological values from -1999 to 9999 with resolution of up to 6000 points. The device can have up to 2 programmable relays providing on/off control/alarm with or without pulse mode. BDI08 accepts various linear input voltage or current signals. The display limits, decimal point position, measuring offset value as well as many other parameters are fully programmable. Thanks to its excellent price-to-performance ratio, BDI08 is an exceptionally widely applicable device.

72 x 36mm

TECHNICAL SPECIFICATIONS
Construction :	Panel design to standard 1/8 DIN 96 x 48, 72 x 36 and 48 x 24mm
Wiring :	Screw terminals at rear panel
Housing :	ABS Plastic black
Isolation :	Input to supply
Indication :	4-digit red LED height, 14.2mm

INPUT
Voltage :	0-5, 0-10 V max 40V
Current :	0-20, 4-20mA, max 100mA
Indication :	-1999 to +9999

OUTPUT
Relay :	1 or 2, 250VAC 5A
SSR :	1 or 2, 250VAC 200mA
Transistor :	Open collector 60V/100mA
MOS-gate :	60V/100mA
Sensor supply :	5 to 24VDC/50mA
Control function :	On/off or pulse
Transmitter supply :	24VDC/40mA

INSTALLATION
Supply :	90 to 250VAC/DC or 12 to 24VAC/DC
Ambient temp :	-10 to +65°C, RH 0 till 85%
Storage temp :	-20 to +80°C
Mounting :	Panel with bracket
Protection class :	IP65 front, IP20 rear
Dimension :	B96 x H48 x D98mm (type H)
	B72 x H36 x D56mm (type L)
	B48 x H48 x D95mm (type S)
	B48 x H24 x D30mm (type M)
	B96 x H96 x D98mm (type B)
Weight :	250, 150, 200 & 30g with bracket

PERFORMANCE
Accuracy error :	$< \pm0.1\%$ FS
Display :	4-digit red LED, height 14 mm
Power consumption :	1,5 VA
Memory back-up :	Non-volatile EEPROM
EMC :	EN 50081-1, EN 50082-2, EN 61010-1 73/23/EEC & 89/336/EEC

CE

ORDER INFORMATION

BDI08

TYPE	SUPPLY	OUTPUT	OPTION
H 96x48mm	A 230VAC	X None	X None
L 72x36mm	C 90-250V	C Relä	ET Extern trafo
M 48x24mm	B 115VAC	D SSR	230/9/12VAC
S 48x48mm	D 12VDC	M MOS-gate	
B 96x96mm	E 9-12VAC	J Ext. SSR	
	Q 12-24VAC/DC		
	R 24VAC		
	P 12-24V		
	Non isolated		

Also available with BCD-input please contact BASI

BASI
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