

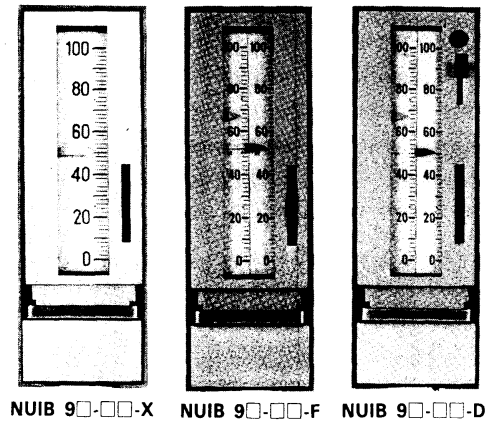
Vumatik 8000 Precision Manual Setter Model NUIB

The Precision Manual Setter is provided with following options in addition to the basic model that has a precision vertical indicator to indicate the setting output.

- 1) With input indicator
- 2) With input indicator and transfer SW

Specifications

Output: 0.2 – 1.0 kgf/cm² or 3 – 15 psi
Output indicator: Scale length; 85 mm
 Indicating accuracy; ±0.5% FS
 Repeatability; Within 0.2% FS
Output air capacity: 20 Nl/min
Air supply: 1.4 ± 0.14 kgf/cm²
Minimum load: ID4 mm × 3 m + 20 cm³
Air consumption: 6 Nl/min (When 50% output, balanced state)
Operating conditions: Temperature; 0 – 50°C
 Humidity; 10 – 90% RH
Mounting: Indoor panel mounting.
Mounting angle: Up to 75° case rear down from horizontal.
Color finish:
 Bezel; Dark beige (Munsell 10YR 4.7/0.5)
 Upper mask; Light gray (Munsell N7)
 Lower mask; Aluminic silver
 Case; Dark beige (Munsell 10YR 4.7/0.5)
Connections: Air; Rc¼ (PT¼) or ¼ NPT internal thread
 Electric; M 3.5 mm screws
Net weight: Standard case; 5 kg
 Short case; 4 kg



Options

Following options are available.
 Item (1)~(4) are the standard options.

(1) Input indicator

Input: 0.2 – 1.0 kgf/cm² or 3 – 15 psi
 Scale length: 85 mm
 Accuracy: Within ±0.5% FS
 Repeatability: Within 0.2% FS

(2) Auto-Manual transfer switch

Auto to man. transfer: Balance-Bumpless

Note; Item (3) and (4) are available only for input indication.

(3) Lamp (1-set)

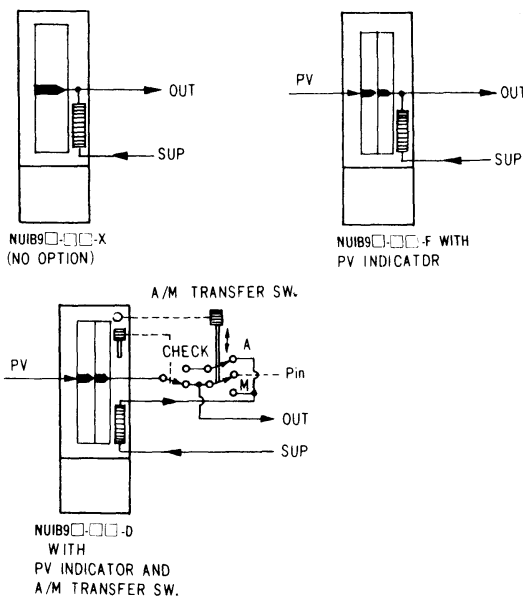
Rating: 24V, 15mA/lamp
 Number of lamp: 2-lamp (Can be divided into two sections.)

(4) Monitor switch (with a lamp set)

Number of alarm: PV: 1- or 2-point
 Span: 0 – 100% FS
 Differential gap: Within 0.5% FS
 Repeatability: Within 0.5% FS
 Output contact rating: AC 250V, 4A

Item (5) is the semi-standard option.

(5) Front mask semi-standard color (Y 100A, B, D, E)



Model Number Table

Ex.: NUIB 90-A1-X

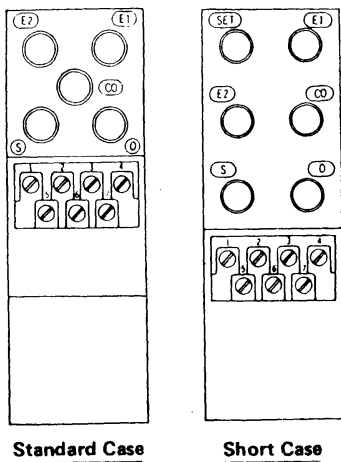
Basic Model No.	Selection	Option	Description
NUIB 90			Precision Manual Setter (Standard Case)
NUIB 99			" (Short Case)
	-A		Air Piping Connection: Rc $\frac{1}{4}$ (PT $\frac{1}{4}$) Internal Thread
	-B		" : $\frac{1}{2}$ NPT Internal Thread
		1	Pneumatic Signal Range: 0.2 - 1.0 kgf/cm ²
		2	" : 3 - 15 psi
		-X	No Option
		-1	With a Lamp Set
		-6	With A Type Monitor Switch (Hi and Low on No. 1 PV, with a Lamp Set)
		-8	With A Type Monitor Switch (Hi on No. PV, with a Lamp Set)
		-9	With A Type Monitor Switch (Low on No. 1 PV, with a Lamp Set)
		-F	With PV Indicator
		-D	With PV Indicator and A/M Transfer Switch

Notes:

- When ordering "Y" semi-standard options, please write as: NUIB 90Y-A1-X (Y□).
- Front mask semi-standard color

Part Y.No.	Bezel	Upper Mask	Lower Mask
Y100A	Dark beige (10YR 4.7/0.5)		
Y100B	Mist green (2.5 G 5/1.5)	Light gray (N 7)	Alumic silver
Y100D	Black (N 1.2)	Light gray (N 7)	Alumic silver
Y100E	Jade green (7.5 BG 4/1.5)	Light gray (N 7)	Alumic silver

Customer Connections



PNEUMATIC CONNECTIONS

	MAN. LOADER	MAN. LOADER W/INPUT IND.	MAN. LOADER W/INPUT IND. TRANS. SW AND BIAS SETTING
S	SUPPLY	SUPPLY	SUPPLY
O	OUT	OUT	OUT
E1	-	PV	PV
E2	-	-	Pin

ELECTRIC CONNECTIONS

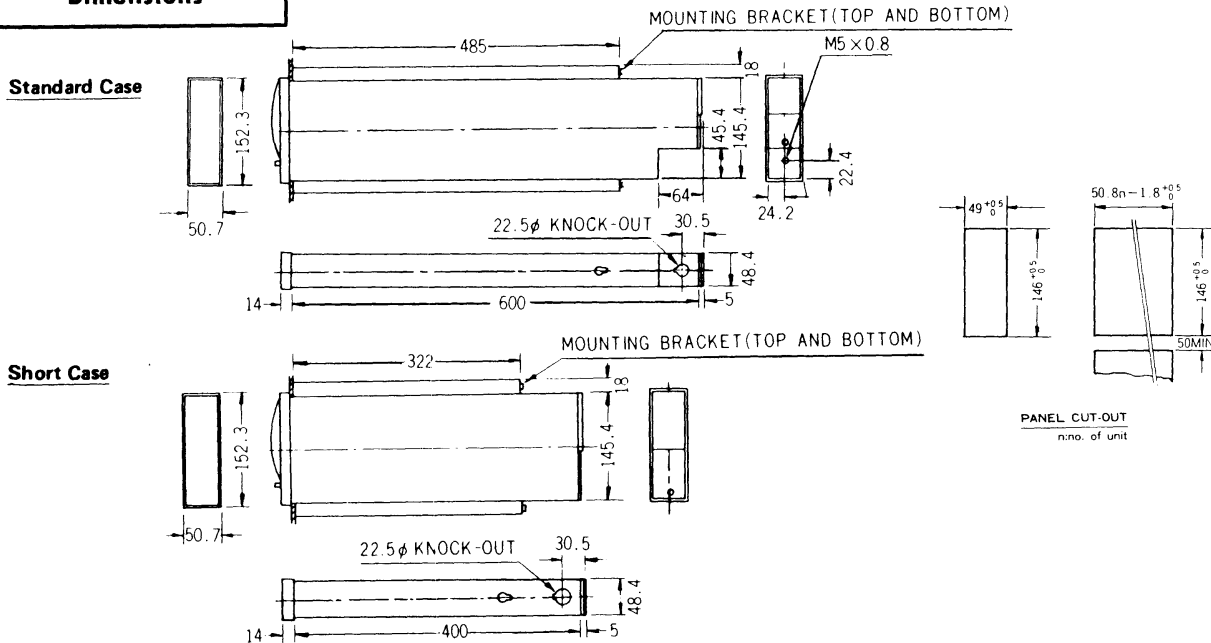
With 1-point Monitor and Lamp Set

- MONITOR OUT
- MONITOR COMMON
- MONITOR OUT
- GROUND
- RIGHT OF LAMP SET (-)
- LEFT OF LAMP SET (-)
- COMMON OF LAMP SET (+)

With 2-point Monitor and Lamp Set

- MONITOR OUT (HI)
- MONITOR COMMON
- MONITOR OUT (LOW)
- GROUND
- RIGHT OF LAMP SET (-)
- LEFT OF LAMP SET (-)
- COMMON OF LAMP SET (+)

Dimensions



* Specifications are subject to change without notice.

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