

Specifications

Recording and indicating section

Input: 0.2 ~ 1.0 kg/cm²

Number of record: 1-pen (red), 2-pen (red and blue),
3-pen (red, blue and green)

Scale length: 101.6mm

Indicating: Accuracy; $\pm 0.5\%$ FS
Repeatability; Within 0.2% FS
Dead band; Within 0.2% FS

Pen speed: 3 ~ 15 sec./FS adjustable

Chart: Width; 101.6 mm
Type; Strip, roll or fold
Length; Roll type - 15 m (30 days at 19mm/hr.)
Fold type - 7.5 m (15 days at 19mm/hr.)

Chart speed: 19 mm/hr.

Chart motor power supply: AC 100, 110/115, 120, 220/240V
 $\pm 10\%$, 50/60Hz ± 2 Hz or AC 24V (Semi-standard option)

Power consumption: 3VA

Air supply: 1.4 \pm 0.14 kg/cm²

Air consumption: 3 Nl/min. (3-pen recorder)

Operating conditions: Temperature; 0 ~ 50°C
Humidity; 10 ~ 90% RH

Mounting: Indoor panel mounting

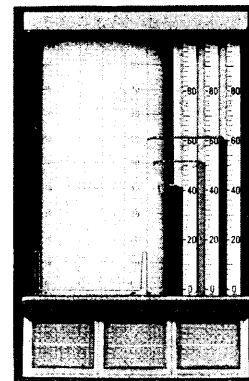
Mounting angle: Up to 60° case rear down from horizontal.

Net weight: Approx. 8 kg

Color finish: Bezel; Dark beige (Munsell 10YR 4.7/0.5)
Lower mask; Aluminic silver
Case; Dark beige (Munsell 10YR 4.7/0.5)

Connections: Air; PT $\frac{1}{4}$ (ISO R7 $\frac{1}{4}$ ") or NPT $\frac{1}{4}$ tap thread
Electric; M 3.5 mm screws

VUMATIK RECORDER MODEL; NUX



NUX 30

Options

Following options are available.

Item (1), (2) are the standard options.

(1) Lamp (3-set max.)

Number of lamp: 6-lamp max. (Can be divided into two section each other.)

Rating: 24 V, 40 mA/lamp

(2) Monitor switch (With a lamp set)

Number of alarm: $\left\{ \begin{array}{l} \text{PV 1pt. (High or low)} \\ \text{PV 2pts. (High and low on No. 1 input)} \\ \text{Deviation 1 pt.} \end{array} \right.$

Setting span: $\left\{ \begin{array}{l} 0 \sim 100\% \text{ FS (PV monitor)} \\ 100 \sim 0 \sim 100\% \text{ FS (Dev. monitor)} \end{array} \right.$
Remark; Minimum 10% FS clearance is required between the lowest value of Hi limit and the highest value of Lo limit.

Differential gap: Within 0.5% FS

Repeatability: Within 0.3% FS

Output contact rating: AC 250 V, 4 A

Item (3) ~ (7) are the semi-standard options.

(3) Chart speed selection (Y 55)

St.d speed x 2; 38 mm/hr. (Y 55A)

St'd speed x 3; 57 mm/hr. (Y 55B)

St'd speed x 4; 76 mm/hr. (Y 55C)

(4) Chart motor power supply of AC 24V (Y 57)

AC 24V 50 Hz (Y 57A), AC 24V 60 Hz (Y57B)

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

(6) Chart motor stop switch (Y 114A)

(7) Make-up bottom unit (Y 120C, D)

With output gage (Y 120C)

Blind (Y 120D)

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Process Control Division

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Model Number Table

Ex. NUX 10-3R-X

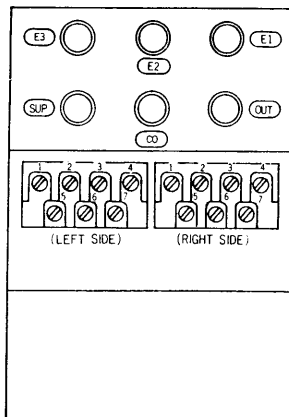
Basic Model No.	I	II	III	Description
Key No.	Control Action	Selection	Option	
NUX 1				1-pen Recorder
NUX 2				2-pen Recorder
NUX 3				3-pen Recorder
	0			Non-control
	- 1			Chart Motor Power Supply : AC 220/240 V, 50 Hz
	- 2			": AC 220/240 V, 60 Hz
	- 3			": AC 100 V, 50 Hz
	- 4			": AC 100 V, 60 Hz
	- 5			": AC 110/115 V, 50 Hz
	- 6			": AC 110/115 V, 60 Hz
	- 7			": AC 120 V, 50 Hz
	- 8			": AC 120 V, 60 Hz
	- Y			": AC 24V (Semi-standard Y 57A, B)
		R		Type of Chart: Roll
		F		": Fold
	- X			No Option
	- 1			1 lamp (for 1-pen Recorder)
	- 2			1 or 2 lamps (for 2-pen Recorder)
	- 3			1, 2 or 3 lamps (for 3-pen Recorder)
	- 5			PV Monitor Switch, 1 point on 1 PV (with a lamp set)
	- 6			PV Monitor Switch, 2 points on 1 PV (with a lamp set)

Note

- When ordering "Y" semi-standard options, please write as:
NUX 10Y-3R-X (Y □). When two or more "Y" options are needed, please refer to us.
- Front mask semi-standard color

Part Y-No.	Bezel	Lower Mask
Y 100A	Dark beige (10YR 4.7/0.5)	
Y 100B	Mist green (2.5G 5/1.5)	Aluminic silver
Y 100D	Black (N 1.2)	Aluminic silver
Y 100E	Jade green (2.5G 5/1.5)	Aluminic silver

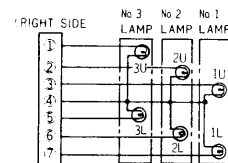
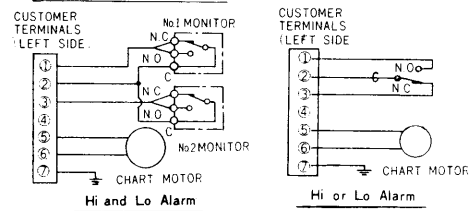
Connections



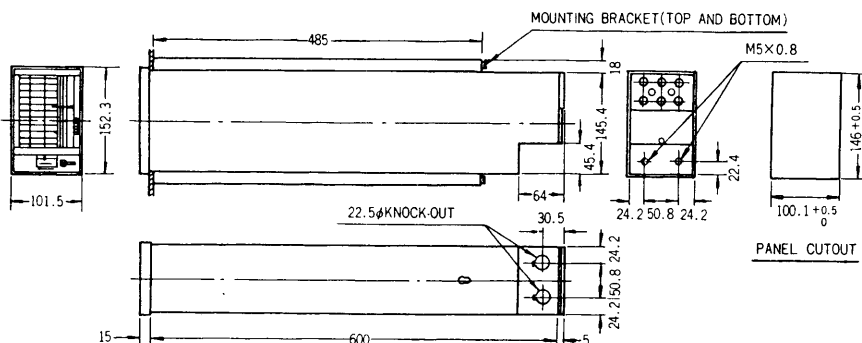
PNEUMATIC CONNECTIONS

	1-PEN REC.	2-PEN REC.	3-PEN REC.
SUP	SUPPLY	SUPPLY	SUPPLY
E1	PV	No. 1 PV	No. 1 PV
E2	-	No. 2 PV	No. 2 PV
E3	-	-	No. 3 PV

ELECTRIC CONNECTIONS



Dimensions



* Specifications are subject to change without notice.

Ordering Information

When ordering, please specify:

- Model No.
- Scale range
- Options

*Reference instruction manual . . . OM2-332-080