X' CALIBUR AUTOMATION
26,'VIDHYESH' SENADUTTA PETH
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TECHNICAL SPECIFICATION FOR PNEUMATIC VIBRATORY SYSTEM (3 WAY)

1	ITEM	VIBRATORY CONTROL SYSTEM
2	TYPE	COMBINED SYSTEM WITH SOLENOID & TIMER
3	APPLOCATION	GIVE PULSE TO VIBRATOR
4	SUPPLY VOLTAGE	24 V DC, +/- 10%
5	AMBIENT TEMPRATURE	55 DEG. C.
6	ENCLOSURE DETAILS OF VIBRATOR CONTROL SYSTEM	
6.1	SHEET THICKNESS	1.6mm THICK CRCA, SHEET STEEL
6.2	ENCLOSURE CLASS	IP-55 WITH CANOPY, WALL MOUNTING
6.3	ENCLOSURE SIZE	520 (H) x 475 (W) x 175mm(D) or as SUITABLE
6.4	COLOUR	SIEMENS GRAY, POWDER COATED
7	INSIDE PANEL ITEMS	
7.1	SEQUENTIAL TIMER	3 WAY MICRO CONTROLLER BASED RELAY TYPE
	7.1 INPUT & OUTPUT VOLTAGE	110/230VAC/ 24V DC
	7.2 ON TIME	10 TO 90 SEC. (ADJUSTABLE)
	7.2 OFF TIME	10 TO 3600 SEC. (ADJUSTABLE)
	7.3 MAKE	X'CALIBUR AUTOMATION
7.2	SOLENOID VALVE	
	7.2.1 SIZE	1/4" BSP, ONE WAY DIAPHRAGM TYPE
	7.2.2 INPUT VOLTAGE	110/230VAC/24 V DC,
	7.2.3 QUANTITY	3 Nos.
	7.2.3 MAKE	X'CALIBUR AUTOMATION
7.3	FRL UNIT	1/4" BSP,
	7.3.2 MAKE	PNEUMAX (ITELY)
	7.3.1 PRESSURE GAUGE	0-10 BAR
7.4	ISOLATION VALVE	1/4" BSP
	7.4.1 MAKE	STAR (ITELAY)
7.5	OTHERS	
	7.5.1 1/4" BSP AL. CONNECTORS	12 Nos.
	7.5.2 INPUT TERMINALS	3 Nos., CUT 4 TERMINALS
	7.5.3 GLAND	3/4" DOUBLE COMRESSION GLAND - 1 No.
8	HARDWARE	
	8.1 TUBING (OD. Dia. 8mm x ID 6mm) M.O.C.: PU	30 Mtrs. BUNDEL TUBING SHOULD BE SUPPLIED AS LOOSE IN ONE BUNDLE., THESE SHALL BE CUT SITE AS PER SITE REQUIREMENT.
9	ORERING DETILS	1 No. 3 WAY VIBRATOR CONTROL SYSTEM & HARDWARE AS MENTIONED IN THIS SPEC.

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EPLV SERIES VIBRATORS

TECHNICAL SPECIFICATION FOR PNEUMATIC VIBRATOR (EPLV4)

1	ITEM	PNEUMATIC PISTON TYPE VIBRATOR
2	MODEL	EPLV-4
	2.1 BODY M.O.C.	C.I.
	2.2 PISTON M.O.C.	EN 8 (HARDNED)
	2.3 PERFORMANCE AT 4 BAR PR.	
	- IMPACT FORCE	20 Kn
	- FREQUENCY (AT 4BAR)	1350 CPM
	- AIR CONSUMPTION	530 LMP (Dry lubrication air)
3	SILENCER SIZE	¼" BSP
4	AIR INLET CONNECTION	¼" BSP
5	MOUNTING BOLTS	M 12
6	NOISE LEVEL WITH SILENCER	85-90 db FROM 1.5 Mtrs. DISTANCE
7	RECOMMENDED ON/OFF RANGE	ON TIME 30 SECS. & OFF TIME 30 MIN.
8	SOPE OF SUPPLY	1 No. PNEUMATIC PISTON TYPE VIBRATOR
9	MAKE	X'CALIBUR AUTOMATION

SPECIFICATON OF EPLV-3

1	ITEM	PNEUMATIC PISTON TYPE VIBRATOR
2	MODEL	EPLV-3
	2.1 BODY M.O.C.	C.I.
	2.2 PISTON M.O.C.	EN 8 (HARDNED)
	2.3 PERFORMANCE AT 4 BAR PR.	
	- IMPACT FORCE	32 Kn
	- FREQUENCY (AT 4BAR)	1200 CPM
	- AIR CONSUMPTION	650 LMP (Dry lubrication air)
3	SILENCER SIZE	1/2" BSP
4	AIR INLET CONNECTION	1/2" BSP
5	MOUNTING BOLTS	M 16
6	NOISE LEVEL WITH SILENCER	85-95 db FROM 1.5 Mtrs. DISTANCE
7	RECOMMENDED ON/OFF RANGE	ON TIME 30 SECS. & OFF TIME 15 MIN.
8	SOPE OF SUPPLY	1 No. PNEUMATIC PISTON TYPE VIBRATOR
9	MAKE	X'CALIBUR AUTOMATION

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