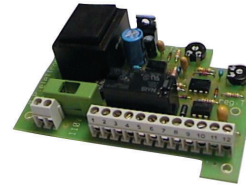


Electronic Controller for NPN/PNP sensor



General

The PRX92 electronic vibrator stop circuit can be used to stop round electromagnetic vibrators or electromagnetic vibratory hoppers through mechanical, inductive, capacitive or optical (photocells) sensors with NPN /PNP outputs. the circuit also features 2 timed delays 0-12 sec. which are adjustable, for stop and start of the vibrator.



CIRCUIT
PV PRX92 A2 STD

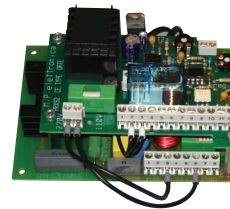
Applications

The PRX92 electronic vibrator stop circuit can be used in various configurations, such as:

- For controlling overflow of a vibratory chute at the output of a round vibrator.
- For controlling the loading in a round vibrator from a hopper by means of mechanical level indicators.
- For energizing readout photocells instead of the mechanical device used as level sensor.

hence it is possible to couple our pc boards of the RC series and CV6-CV8, for commanding and automating a complete feeder system.

Thanks to the remarkable compactness and the great reliability guaranteed by galvanic and opto-isolation of the inputs, the PRX92 proves to be a valid help in all those cases where it is required to automate component loading and selection cycles with the aid of mechanical and electronic sensors



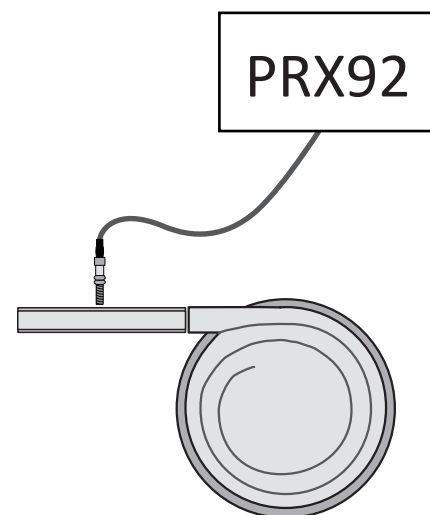
CIRCUIT R5FC+PRX92
PV R5P92 A2 STD

Options

Circuit PRX92 with external regulation by potentiometers-code PRX92/PEX.

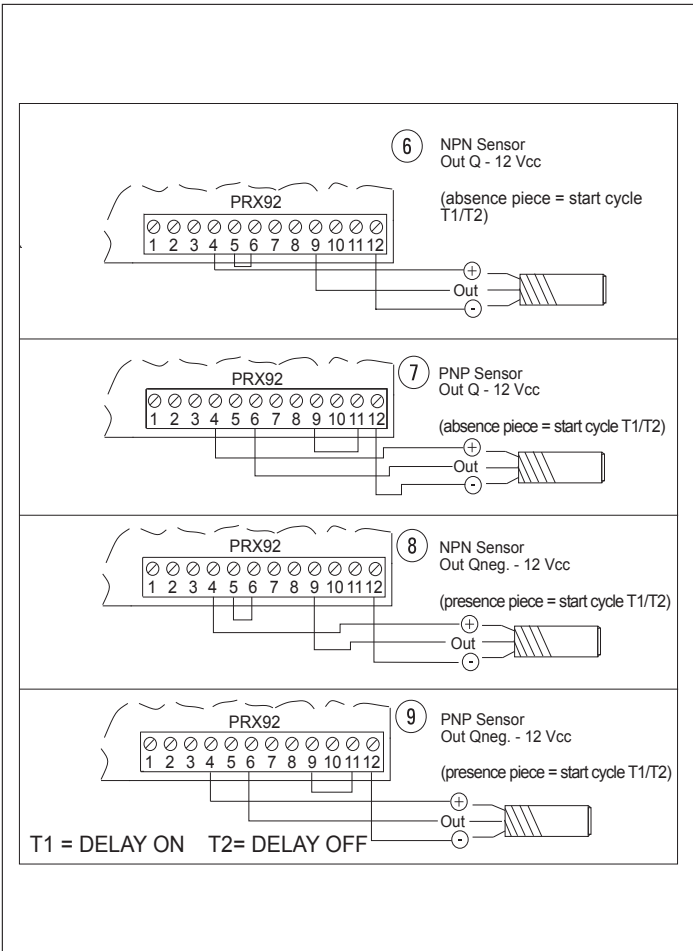
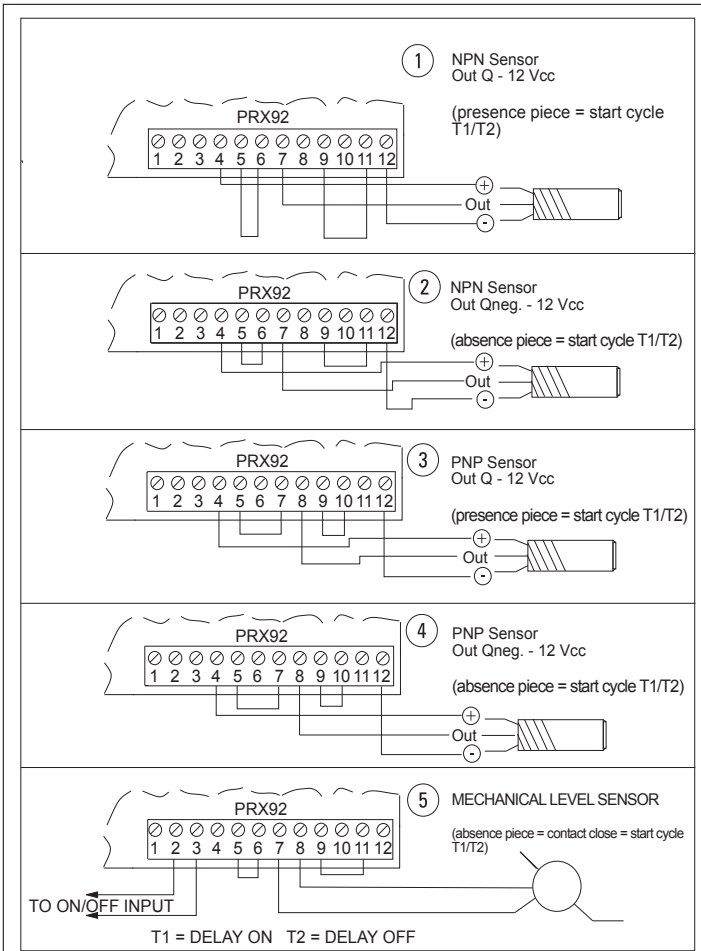
Electrical Characteristics

Supply Voltage:	230 Vca ± 5% – 50/60 Hz
Consumption:	1,5 W max
Fuses:	0,2A F 250V 5x20 H1500A
Inputs For Sensors:	Optoisolated NO/NC NPN/PNP
Type Of Sensors:	Mechan. Inductive. Capacitive Or Optical
Supply Voltage For Sensors:	12 Vcc
Energization Delay (T1):	0-12 Sec. Reg
De-energization Delay (T2):	0-12 Sec. Reg.
Output For Vibrator Stop:	2 NO/NC 10A 250Vca Max
Position Of Assemblage:	Horizontal Or Vertical
Temperature Of Storage:	-10 °C / +80 °C
Temperature Of Operation:	-5°C / +55°C
Range Of Relative Humidity:	80% Till To 31 °C
Altitude:	Till To 2000 Meters



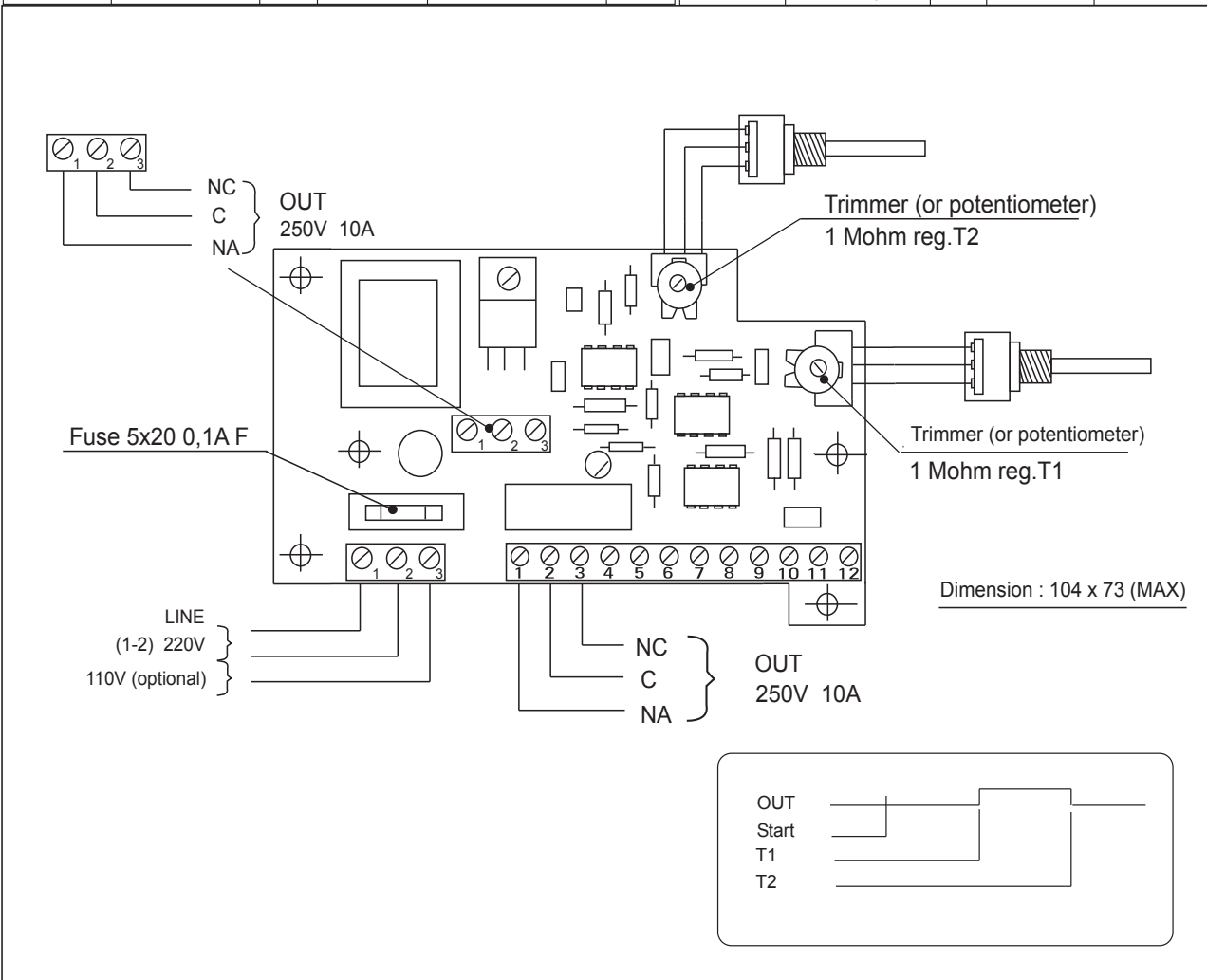
Available Versions

Type	Box	Colour	Dimensions	Code	Price €
PRX92	Circuit for sensor with trimmers		95 x 65 x 35	PV PRX92 A2 STD	
PRX92/PEX	Circuit for sensor with external potentiometers		95 x 65 x 35	PV PRX92 A2 PEX	
R5F+PRX92	Circuit R5F+PRX92		125 x 90 x 60	PV R5P92 A2 STD	



Description: PRX92 SCHEME OF CONNECTION				
CODE	REV	DATE	DRAFTSMAN	SHEET
DTPRX92	00	05/98	E. PEDRAZZI	2/3

Description: PRX92 SCHEME OF CONNECTION				
CODE	REV	DATE	DRAFTSMAN	SHEET
DTPRX92	00	05/98	E. PEDRAZZI	3/3



Description: ELECTRONIC CIRCUIT FOR TIME DELAYED VIBRATOR STOP				
CODE	REV	DATE	DRAFTSMAN	SHEET
DTPRX92	00	05/98	E. PEDRAZZI	1/3