

ADVANCED DMX MULTIPLEXER

Product description

Advanced DMX Multiplexer analog 0-10V signal converter to DMX512 protocol.

The PX235 is an device that allows to change analog signal 0-10V to the DMX512 signal. It has eight inputs parametrized as a 0-10V analog or digital (active with low or high state). Analog signal is converted into a digital signal and then it is inserted or replaced at the appropriate (chosen by the user) DMX channel from the DMX512 package.

In case of choosing replacing of DMX channels by the converted analog signal, the last channel DMX-512 package are cut to make room for the added channels (their number depends on the number of analog inputs are connected).

The PX235 has built-in one input and output DMX signal. Color display provides a graphical representation to date information about the state of the signal and thus its' control.

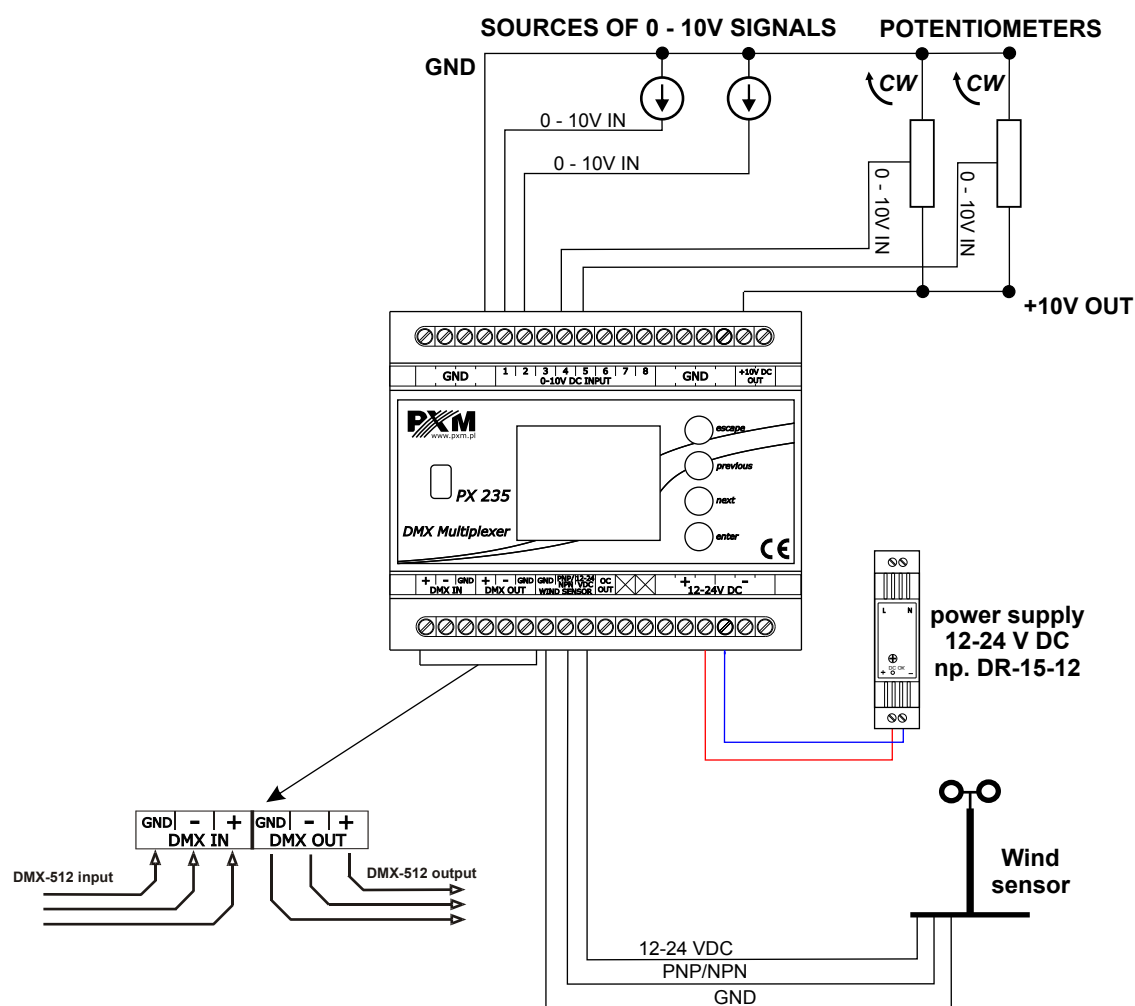
Pulse input allows to cooperate with the PNP and NPN signals (e.g. wind sensors connected - anemometer). Signal parameters and the current value are displayed on the display screen. The USB connector allows you to communicate with a computer and to update a software installed on the PX235.

OC Output (Open Collector) allows you to configure and then signaling the set of states in the form of alarms. The device also has a 10V output that can power analog sensors such as potentiometers and photometers.

Technical data

Type	PX235
Power supply	12 - 24V DC
DMX output	1 (512 channels)
DMX input	1 (512 channels)
The 0-10 V inputs:	8
-Resistance	100 kΩ
-Current Consumption	0,1 mA
10V output:	1 (to power supply e.g. potentiometers)
-Load	50 mA
OC output:	1
-Load	0,5A
Connectors:	Terminal blocks, USB
Dimensions:	Width: 105mm (6 modules) Height: 85mm Depth: 60mm

Connection diagram



Dimensions - technical drawing

