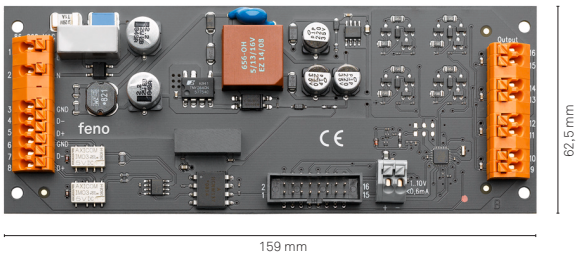
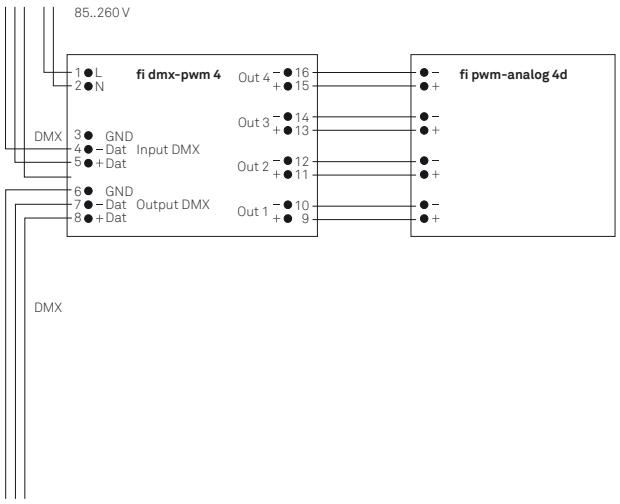
# feno interface
# **fi dmx-pwm 4**
# 4 channel DMX to PWM interface

## Product




## Wiring diagram




## Technical details

| | |
|---|---|
| **Product name** | **fi dmx-pwm 4** |
| **Item number** | 00002194 |
| **Supply voltage** | 85..260 V, 50/60 Hz |
| **Current draw** | 0.04 A max. |
| **Number of inputs** | 1 |
| **Input signal** | DMX |
| **Input signal (loop-through)** | yes (active amplication) |
| **Number of outputs** | 4 |
| **Output signal** | PWM (12 V, 240 Hz) |
| **Output load** | 25 mA per output |
| **Galvanic isolation input/output** | yes |
| **Short-circuit-proof outputs** | yes |
| **Temperature range** | -20..45 °C |
| **Dimensions** (L/W/H) | 159 x 62,5 x 30 mm |
| **Weight** | 100 g |
| **Available versions** | fi dmx-pwm 1, fi dmx-pwm 1e, fi dmx-pwm 4d |
| **Compatible controllers** | fc s.dmx 48d, fc s.dmx 144d, fc dmx 512u |

**The fi dmx-pwm 4 converter enables digital ballasts with a PWM interface to understand the high-speed DMX protocol that can handle up to 512 channels. They can be switched and dimmed via DMX because the unit converts DMX signals into PWM signals. Our fi pmw-analog 4d smoothing module is also needed.**

Display unit fi assist display-45 is used for setting the start channel (ordered separately). As a board with extremely compact dimensions the unit is suitable for installation in luminaires. The built-in amplifier ensures that the DMX signal remains stable even if several receivers are connected to a channel. The built-in “emergency function” can be deactivated. If the DMX signal fails the connected ECGs can still be dimmed via the integrated 1-10V interface and a potentiometer. The patented safety function prevents the entire DMX string from failing if an individual device fails because the last value sent is stored and replayed as a static scene. Even without a DMX signal. Electrical separation of the input and output, and connections that are protected against polarity reversal and short-circuits ensure a high level of safety. The universal power supply of 85 to 260 Vac offers a high degree of flexibility.