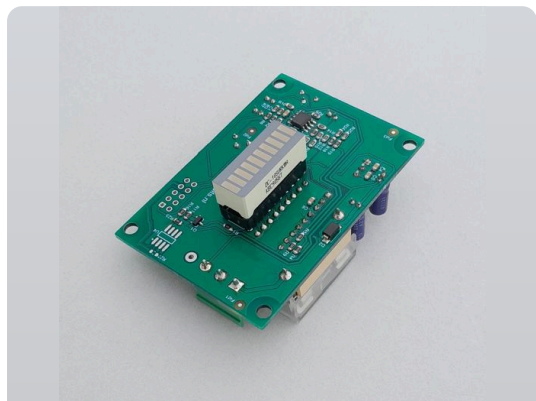


10-segment LED bar for 4-20 mA, red or green

Article numbers PR177s01, PR177s02



The PR177 converts a 4-20 mA signal into a ten-segment LED bar, so that the position of a spud pole or rudder, for example, can be seen at a glance. At 4 mA only the first segment is lit, at 20 mA all ten. The lower and upper limits are set with the MIN and MAX trimmers on the board. Brightness stays the same regardless of the supply voltage; the LED bar comes in red (PR177s01) and green (PR177s02).

Price on request. Lead time on request. Not in stock? We will make it.

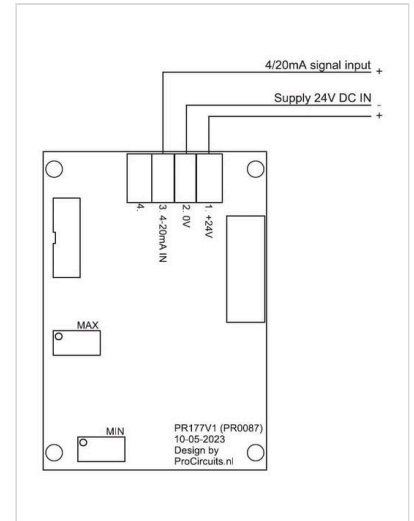
Article number	Version
PR177s01	Red LED bar
PR177s02	Green LED bar

Specifications

Supply	18 to 26 V DC
Consumption	250 mA max.
Input	4-20 mA on terminal 3 (plus) and terminal 2 (minus)
Display	10-segment LED bar, red (PR177s01) or green (PR177s02); 4 mA = first segment, 20 mA = all segments
Brightness	Constant, regardless of the supply voltage
Setup	Lower and upper limit with the MIN and MAX trimmers
Dimensions	50 x 75 x 45 mm
Mounting	Four mounting holes, 45 x 64.1 mm centre to centre; front of the LED bar 13.5 mm below the underside of the board

Connections

Terminal 1	Supply +24 V
Terminal 2	Supply 0 V, also the minus of the 4-20 mA signal
Terminal 3	4-20 mA input (plus)
Terminal 4	Not used



Setup

1. Connect the supply to terminal 1 (+24 V) and terminal 2 (0 V), and the 4-20 mA signal to terminal 3 (plus) and terminal 2 (minus).
2. As delivered, only the first segment is lit at 4 mA and all ten at 20 mA.
3. Upper limit: turn the MAX trimmer clockwise to raise the upper limit.
4. Lower limit: turn the MIN trimmer clockwise to raise the lower limit.
5. All segments off at 4 mA: turn the MIN trimmer anticlockwise until the first segment goes out.

More information, price and lead time: www.procircuits.nl/en/products/pr177

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