

AZ260

Digital Indicator for Pulse Inputs

- compact design 36 x 72 mm
- for all sensors with pulse output
- 8-digit LCD display for quantity / time and total quantity
- easy programming
- battery supported and / or 24 VDC



Description:

The digital display unit type AZ260 is used to display process signals of all sensors with pulse output. The device is micro-processor controlled and therefore freely programmable. The display of the quantity / time unit can be switched over to the total quantity by pressing a key. The input of K-factors and scaling factors enables the convenient adaptation of the AZ260 to all sensor parameters.

The devices operate independently of the mains by means of a lithium battery. In addition, they can be operated externally via a 24 VDC supply. In this case the back light is switched on automatically.

Typical applications:

For display of flow rates, velocities, total quantities, speeds, etc.

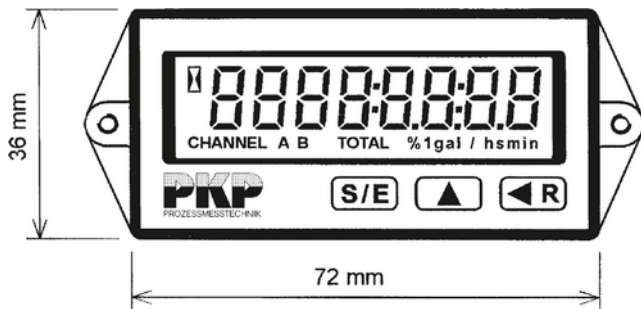
Dimensions:

Housing: 72 x 36 x 38,5 mm (WxHxD)
Panel cut-out: 68 x 33 mm (WxH)
Attachment: tensioning frame, possible panel thickness: 8...6 mm

Order Code:

Order number: **AZ260. A**

Digital Indicator for pulse inputs



Electrical Connection:

6 screw terminal connections

1 = reset
2 = 24 VDC input
3 = ground
4 = counting input A (quantity / time)
5 = counting input B (total)
6 = programming input

Technical Data:

Display: 8-digit LCD, 11 mm height
speedometer: decimal point automatic
counter: decimal point programmable

Accuracy: programmable, 0,1 %, 1 %, 10 %, resolution corresponding to min. 4-, 3- or 2-digits

Power supply: internal lithium battery, 3,6 V, 1,2 Ah, LCD back light only with external supply 19...30 VDC

Protection class: IP65 front-side

Ambient temperature: -10 °C...+50 °C (operation)
-20 °C...+70 °C (storage)

Inputs:

counting input A (speedometer): pulse form any
max. frequency 10 kHz,
max. pulse duration 50 μ s,
 $L \leq 1$ VDC, $H \geq 5$ VDC

counting input B (counter): pulse form any
when programming as HIGH-SPEED input:
max. frequency 10 kHz
min. pulse duration 50 μ s
 $L \leq 1$ VDC, $H \geq 5$ VDC
when programming as LOW-SPEED input:
max. frequency 30 Hz
min. pulse duration 16 ms
 $L \leq 0$ VDC, $H \geq 5$ VDC
or open

Programming input:

input open: operating mode
input to ground: programming mode

Side View:

