

Flow Rate Meter DMZ-8E



Technical Data

Voltage Supply

230 V AC +5%/-10%, 50 Hz

Power Consumption

approx. 15 VA

Fuse

4 A mT

Inputs

4 x neutral make contact to GND
contact potential approx. 10 V DC,
I approx. 9 mA
transition resistance max. 1,5 kOhm

Relay Outputs

5 x neutral, max. 230 V AC, 2 A

Current Output

0(4)...20 mA max. load 400 Ohm
linearity: 0.5% FS

Transmitter

water meter with neutral contact or
NPN open collector or impeller sensor
with NPN open collector

Transmitter Factor

0.01 ... 9999 impulses / litre

max. Transmitter Frequency

500 Hz (adjustable)
programmable contact debouncing by
maximum transmitter frequency

Climatic Conditions

acc. to DIN EN 60204-1 (05-2010)
ambient temperature
in operation: -20 ... +55 °C
transport / storage: -25 ... +55 °C

Housing

switch board housing acc. to DIN 43700
with transparent cover up to IP65 in front
of the switch board

Dimensions

W / H / D : 144 x 72 x 130 mm
(incl. connector terminal bar)
mounting depth with plugs and clamps
without wiring min. 126 mm

Cut-out Dimensions

W / H : 138,5 x 68,5 mm

The flow rate meter DMZ-8E serves for dosage or filling of a pre-selectable liquid quantity using two adjustable limit values. Moreover the unit counts the flow rate and may thus be used as parameterisable flow monitor. A free configurable current output can be allocated either to the quantity or the speed. Signal transmitters are commercially available flow rate transmitters, which generate quantity proportional impulses. This may be for example water meters with contact or impeller wheel sensor. By its manifold configuration and parameterisation possibilities the device can be perfectly adapted to the desired application purpose.

Ordering info:

DMZ-8E: E1720