Measurement sensor Z 60

for flow monitors M335, M350, M23 PVDF

D-EN-Z60-20200203

Fon 0 67 32 - 91 91 20 Fax 0 67 32 - 96 24 42 info@schmidt-messtechnik.de

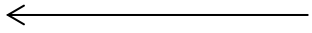
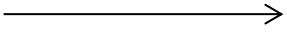
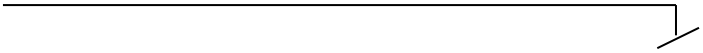
Measurement sensor Z 60

for flow monitors M335, M350, M23 PVDF

Description
The measured value sensor Z60 is a further development of the measured value sensor Z50. In contrast to the predecessor model, the Z60 no longer uses reed contacts, but rather specially developed electronics with a microprocessor and sensors. The measured value sensor supplies an output signal of 4-20 mA corresponding to the height position of the magnetic float in the flow meter. This signal can be processed further, for example, via a PLC to control processes, or to display the flow exactly via an external display.

Please note:
Since the resolution of the various scales differs, the programming is always factory-adjusted to the respective measuring range. Therefore always state the desired measuring range when ordering.

Technical data	
Supply voltage	12 – 24 VDC (±10%)
Current consumption	<50 mA
Load resistor	min. or max. 500 Ohm
Current output	4 – 20 mA (3-wire)
Protection class	IP 65
Ambient temperature	0 - +50 °C
Connection	Plug DIN 43650
Accuracy	<1%

Electrical connection		
Pin 1: operating voltage 12 – 24 V	1 O	 +24 V
Pin 2: Output signal 4 – 20 mA	2 O	 24 mA ……R
Pin 3: 0 V	3 O	

Important instructions!
Technical changes and errors reserved.
Pictures can be similar.
The operating instructions belonging to this device must be observed! Download at www.schmidt-messtechnik.com.

D-EN-Z60-20200203

Fon 0 67 32 - 91 91 20 Fax 0 67 32 - 96 24 42 info@schmidt-messtechnik.de

Measurement sensor Z 60

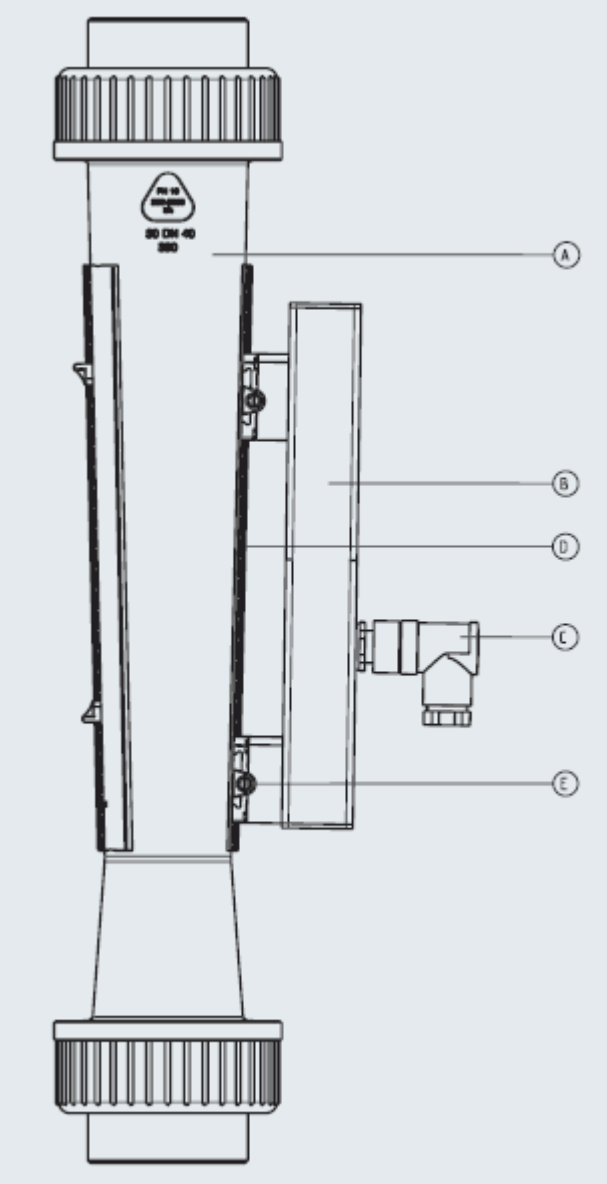
for flow monitors M335, M350, M23 PVDF

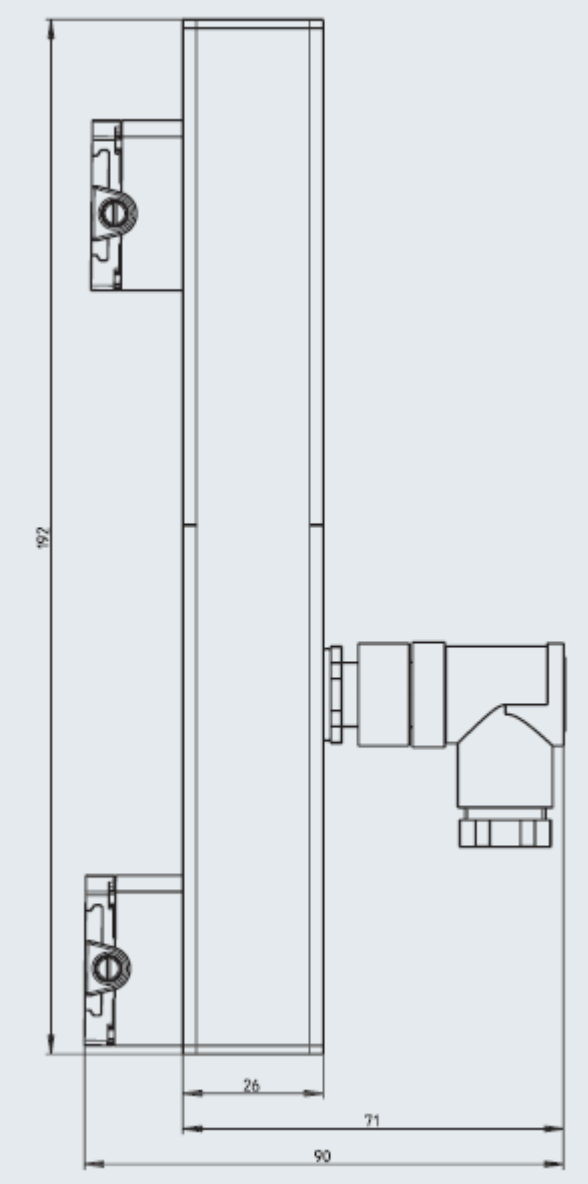
Functional elements

A Flow meter M335 / M350 with magnetic float
B Measured value sensor Z60
C Connector
D Guide rail
E Clamping screws for fastening and adjusting the sensor

Assembly Instructions

- Slide the sensor onto the guide rail of the flow meter
- Adjust the marking on the sensor with the 50% mark on the scale on the flow meter
- Tighten the clamping screws
- Remove plug and wire as specified (see electrical connection)





D-EN-Z60-20200203