

AED9101D-Z2/22

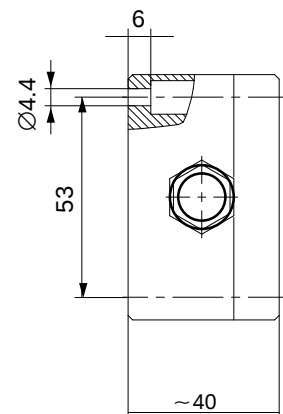
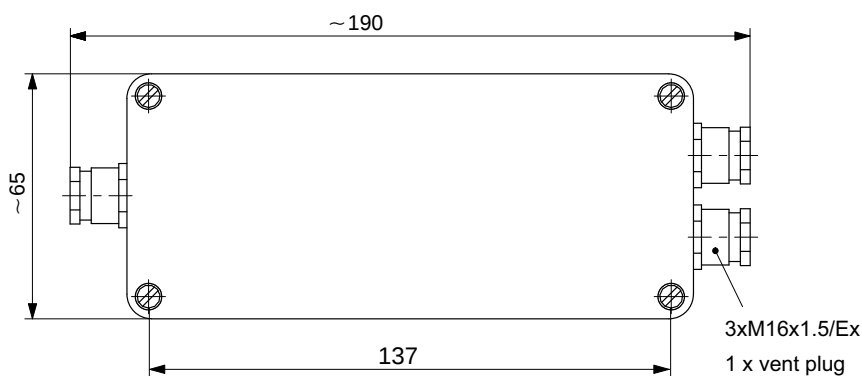
Basic device with AD103C

Special features

- For static and dynamic applications
- RS-232, RS-422 or RS-485 interfaces
- Ex Guide 16 ATEX 0002X
- For use in Zone 2 or Zone 22
- Test report for 10,000 divisions
Class III available
(temperature range -10 ... +40°C)
- Supply voltage range 10 ... 30 V (PELV supply)



Dimensions in mm (1 mm = 0.03937 inches)



Specifications

Type		AED9101D-Z2/22
Measuring amplifier		AD103C
Measurement signal input	mV/V	±3, nominal ±2
Transducer connection SG transducer (full bridge) Transducer connection type Length of transducer cable Bridge excitation voltage	Ω m V _{DC}	≥80 ... 4000 Six-wire circuit ≤100 5
Interfaces: Hardware (selected by slide switch) Length of communications cable RS-232 RS-422, RS-485	 m m	RS-232, RS-422, RS-485 ≤15 ≤1000
Supply Supply voltage Current consumption (without load cell)	V _{DC} mA	10 ... 30 ≤100 ¹⁾
Temperature range Nominal (rated) temperature Storage temperature	°C	-20 ... +50 or 60 Zone 2 -40 ... +85
Dimensions	mm	190 x 65 x 40
Materials Housing Screws		Cast aluminum alloy, AlSi ENAC-4430 DIN EN 1706, unpainted rustfree
Screwed cable glands EMC/Ex bolted connections Vent plugs		3 x M16x1.5 50.616M/EMV/EX 1 x M16x1.5 10.1615M/G/EX
Weight, approx.	g	500
Degree of protection per EN 60529 (IEC 529)		IP65

1) Current consumption $\leq 100 \text{ mA} + \frac{\text{Excitation voltage } U_B = 5 \text{ V}}{\text{Bridge resistance } R_B}$

Product numbers

1-AED9101D-Z2/22 = basic device **AED9101D** with AD103C amplifier board

Accessories, to be ordered separately

PanelX software program

Subject to modifications.
All product descriptions are for general information only. They are not to be understood as a guarantee of quality or durability.

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