TZIDC
Digital positioner

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... Specification

Accessories

Mounting material
- Attachment kit for linear actuators in accordance with DIN / IEC 534 / NAMUR
- Attachment kit for rotary actuators in accordance with VDI / VDE 3845
- Attachment kit for integral mounting
- Attachment kit for actuator-specific mounting

Pressure gauge block
- With pressure gauges for supply air and output pressure. Pressure gauges with housing ø 28 mm (1.10 in), with connection block in aluminum, black
- Installation material in black for mounting on positioner

Filter regulator
All metal version in brass, varnished black, bronze filter element (40 µm), with condensate drain.
Max. pre-pressure 16 bar (232 psi).

Output can be adjusted to:
- 1.4 to 6 bar (20 to 90 psi)

Marine version:
- 1.6 to 5.5 bar (23 to 80 psi)

The filter regulator may only be installed in combination with the pressure gauge block (accessory).

PC adapter for communication
- LCI adapter – USB for plug connection to positioner
- HART® – USB modem for HART communication

Control program for operation and parameterization on a PC
DAT200 Asset Vision Basic with DTM for TZIDC / TZIDC-200 on CD-ROM.

- Download DTM for TZIDC at www.abb.com/positioners.
- Download ABB Ability™ Field Information Manager (FIM) and FDI package at: solutions.abb/fieldinfo.

Housing

Material / IP rating	
Aluminum with ≤ 0.1% copper	
IP rating	IP 65 / NEMA 4X (NEMA 4X does not permit overhead mounting), (IP 66, optional)

Surface/color	
Dipping varnish	With epoxy resin, stove-hardened
Housing varnished matt black	RAL 9005
Case cover	Pantone 420

Weight	
Aluminum	1.7 kg (3.75 lb)

Mounting orientation
Any

Dimensions

All dimensions in mm (in)
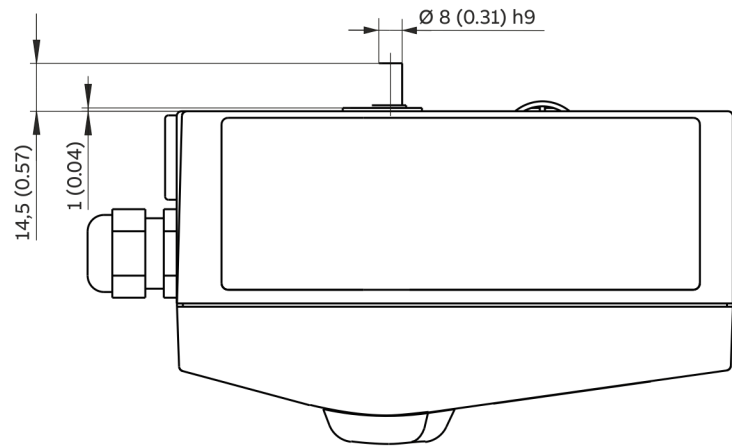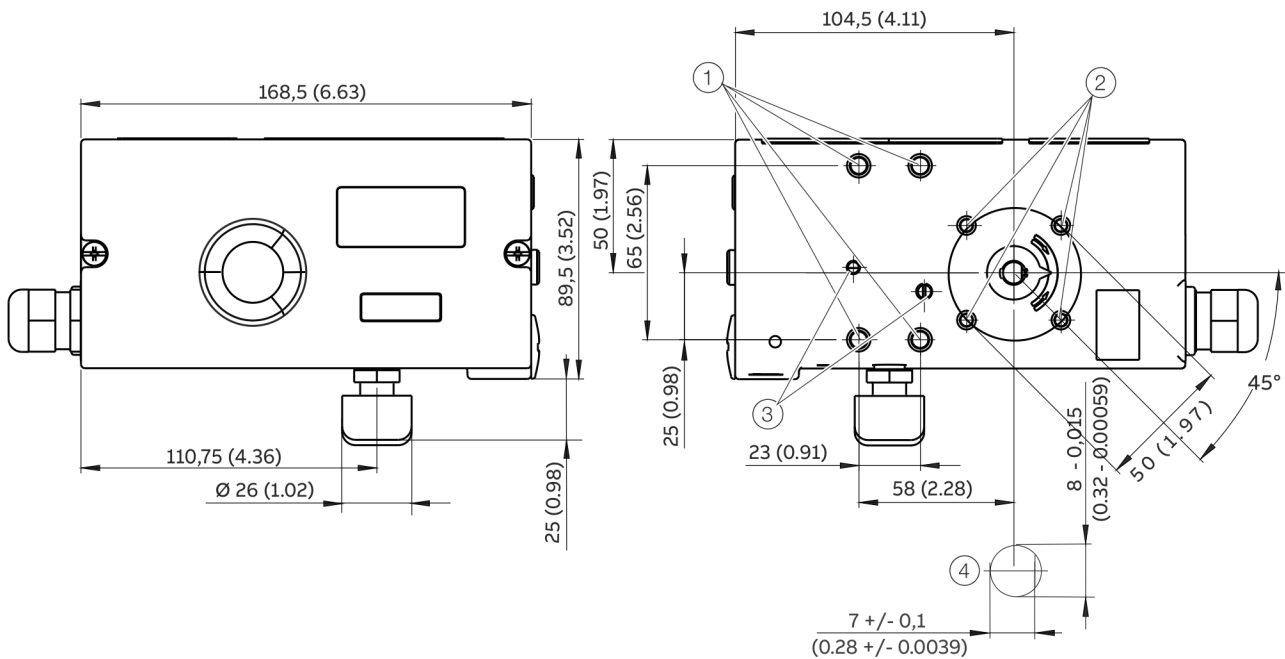
Figure 14:   Top view

① Tap hole M8 (10 mm [0.39 in] deep)   ③ Threaded hole M5 × 0.5 (air outputs for direct mount)

② Tap hole M6 (8 mm deep [0.31 in])   ④ Sensor shaft (shown larger than scale)

Figure 15:   Front and rear view