



LFM110 – Air Differential Pressure Transmitter

Air differential pressure transmitter, dip-switch selectable measuring range, with or without display

LFM110-NAC
LFM110-OAC

Without display
With display

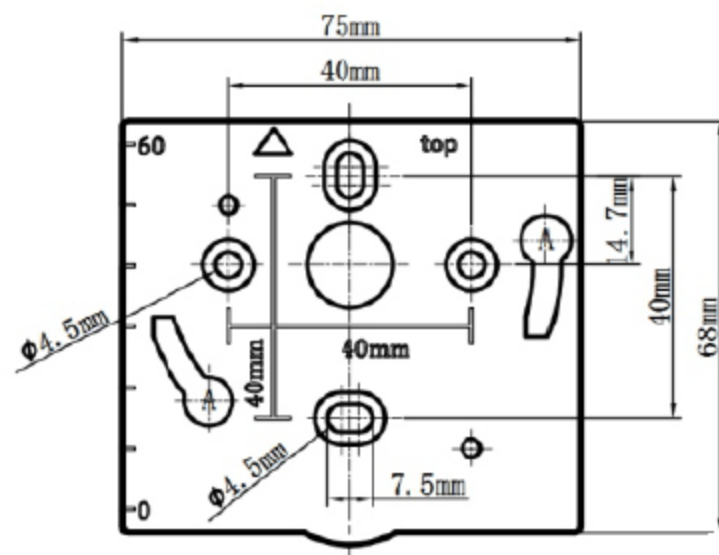
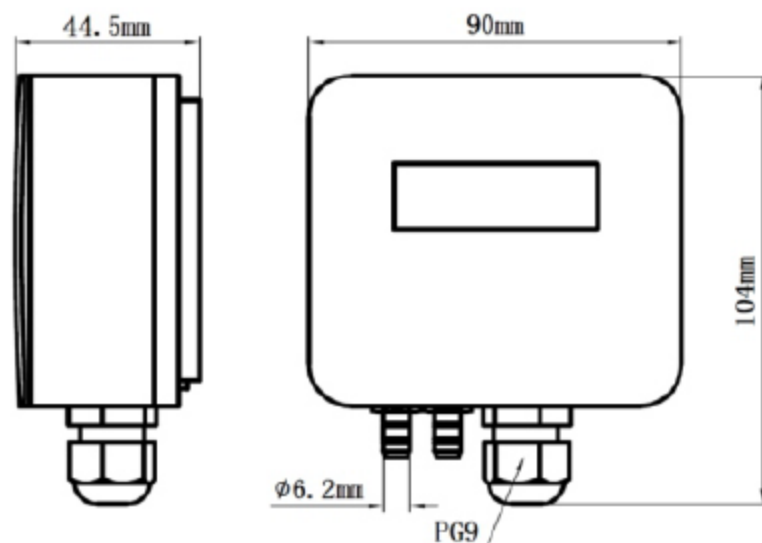
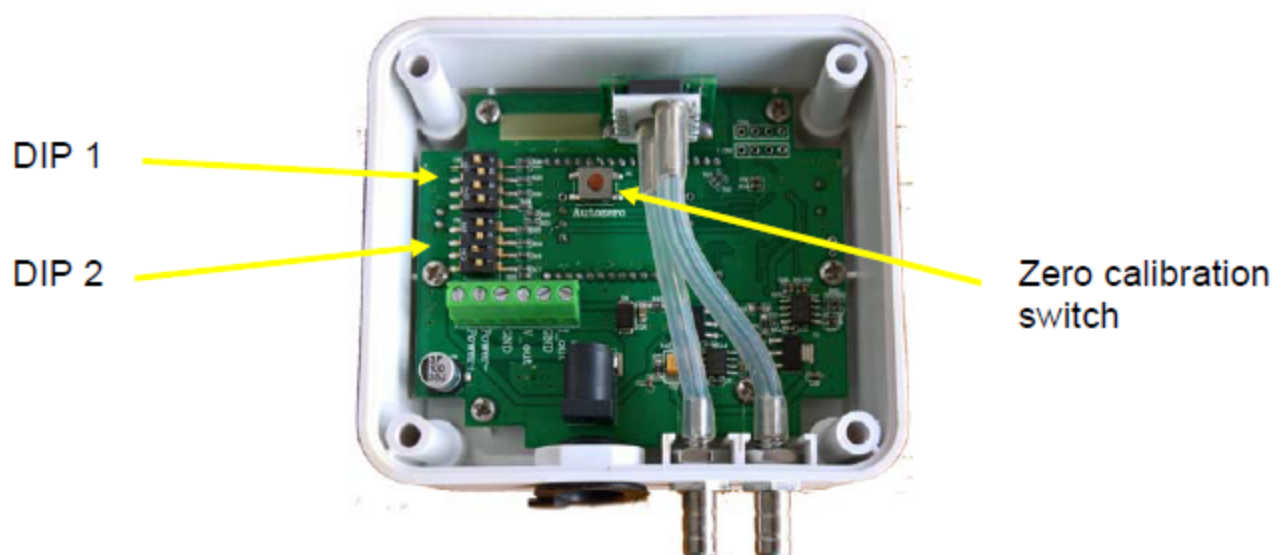
Common features:

- 0...1000Pa full range, dip-switch settable:
 - 0... 100 / -50... 50
 - 0... 250 / -125... 125
 - 0... 500 / -250... 250
 - 0... 750 / -375... 375
 - 0... 1000 / -500... 500
- 4...20mA & 0-10Vdc outputs (simultaneous)
- Auto zero at power-up (selectable)
- IP65, ABS housing

Typical Applications

- AHU pressure regulation with VFD
- Duct floor level and zone Pressure Regulating Damper control
- Stair pressure regulation with VFD
- Static or differential pressure indication, locally (display version) and remotely

Setting Facilities



Technical Data

Power Supply:	16...30Vac/dc
Accuracy:	± 1% FS
Media:	Air & neutral gases
Rated Over-pressure:	15kPa
Measuring Range:	Scope -1000...1000Pa, scalable by DIP switch
Units Choice:	Pa, mmH2O, mbar, inWG, mmHG, daPa, KPa, hPa
Outputs:	Dual 0-10Vdc & 4...20mA
Response Time:	20ms
Zero Calibration:	Auto at power up or manual via push-button
Operating Temperature:	-10°C...60°C
Storage Temperature:	-10°C...70°C
Humidity Range:	15...95% rH
Housing Material:	ABS
Housing Fire Resistance:	UL94-V0
Protection Rating:	IP65