

Handheld electronic pressure instruments

Series 2600 (FZM/DMG)



Features:

- Ergonomically designed handheld instruments
- Magnets at the back of the instrument allow for hands-free operation
- Robust protective housing against dirt, impact and shock
- Available in three (differential) pressure measurement ranges
- Measured values displayed in mbar, Pa, hPa, kPa, mmHg, inHg and psi
- Automatic zero correction
- Hold function
- Series S2600 instruments are certified as per EN 50379-2 and therefore approved for official measurements

Application

For measuring pressure, vacuum and differential pressure. For gaseous, dry media that are not aggressive. Ideal for industrial, medical and air conditioning technology applications.

Typical applications areas

- Measurement of chimney draft
- Measurement of inlet pressure, flow pressure and nozzle pressure
- Pressure drop in flowing gases
- Filter inspection
- Ventilation systems or ducts
- Production and extraction facilities
- Vacuum measurement (laboratory)
- Check of the connection pressure (natural gas supply pipes)
- Burner pressure check
- Inspection of tanks for liquids (input and output pressure)
- Inspection of the air/gas ratio in gas lines

Description

Series S2600 instruments are ergonomically shaped, light-weight devices. All measured values can be displayed in different units (mbar, Pa, hPa, mmHg, inHg and psi). A large, lit display allows for simultaneous indication of two measured values. A magnet is provided at the rear side of the instrument so that the user can work with both hands, e.g. for adjustment work at gas heaters. A robust protective housing protects the instrument against dirt, impact and shock. The series S2600 instruments feature manual and/or automatic zero calibration, automatic

instrument checks as well as a min./max. function.

Technical specifications

Supply voltage

2 x 1.5 V Mignon batteries

Display

LCD, transfective

Pressure measurement units

mbar, Pa, hPa, kPa, mmHg, inHg, psi

Tube connections

S2601, S2610: Ø 8 mm

S2650: Ø 3 mm

Operating temperature range

Medium: 0 °C/+40 °C

Ambient: 0 °C/+40 °C

Storage: -20 °C/+50 °C

Housing

Plastic, blue

Protective housing

Soft plastic

Dimensions

(including protective casing)

W x H x D: 66 x 143 x 37 mm

Measuring range

S2601: 0/± 150 mbar

S2610: 0/± 1,000 mbar

S2650: -1,000/5,000 mbar

Overpressure

S2601: Max. 1.35 bar

S2610: Max. 3 bar

S2650: Max. 10 bar

Resolution

S2601: 0.01 mbar (< 19,99)
or 0.1 mbar (> 20)

S2610: 0.1 mbar (< 199,9)
or 1 mbar (> 200)

S2650: 1 mbar (< 1999)
or 10 mbar (> 2000)

Accuracy [% of measured value]

S2601: 1.0 +/- 1 digit
(< 130 mbar) or
1.5 +/- 1 Digit
(> 130 mbar)

S2610: 1.0 +/- 1 digit
(< 1.000 mbar)
1.5 +/- 1 digit
(> 1.000 mbar)

S2650: 1.0 +/- 1 digit
(< 5.000 mbar)
1.5 +/- 1 digit
(> 5.000 mbar)

Approvals

EC directive 89/336/EEG (CE),
EN 50379-2, WEEE/RoHS

Scope of delivery

Pressure instrument with batteries,
in protective sleeve with magnet

DG: H	Part no.	Price €
S2601 (FZM 30)	69680	
S2610 (DMG 15)	69681	
S2650 (DMG 25)	69682	
Connection kit for instruments	69691	