

## FINEST MANOMETER / MANOMETER FOR OVER / UNDER PRESSURE AND PRESSURE DIFFERENCE

**GMH 3161-002**

Art. no. 600469

Device -500.0 ... +500.0 Pa ( $\pm 500.0$  Pa<sup>2</sup>)**GMH 3181-002**

Art. no. 600470

Device -500.0 ... +500.0 Pa ( $\pm 500.0$  Pa<sup>2</sup>, Logger)**GMH 3161-002-EX**

Art. no. 606685

Device type with Ex-protection

**GMH 3181-002-EX**

Art. no. 609063

Device type with Ex-protection

**Specifications:****Measuring range:** -500.0 ... +500.0 Pa  
(-5.000 ... +5.000 mbar)**Overload:** max. 250 hPa (mbar)**Resolution:** 0.1 Pa (0.001 mbar)**Additional pressure units:** kPa, PSI, mmHg, mH<sub>2</sub>O**Accuracy: (typ. values)****Hysteresis and linearity:** 0.3 % FS**Temperature-influence from 0 - 50 °C:** 0.4 % FS**Option higher accuracy available:** no**Pressure connection:** 2

For type specific data please refer to page 90.

\*1 measuring range possible by changing the pressure connection ports

\*2 without changing the pressure connection ports

**GMH 3161-01**

Art. no. 600397

Device -100 ... 2500 Pa ( $\pm 2500$  Pa<sup>1</sup>)**GMH 3181-01**

Art. no. 600411

Device -100 ... 2500 Pa ( $\pm 2500$  Pa<sup>1</sup>), Logger**GMH 3161-07H**

Art. no. 600405

Device -1.00 ... 70.00 mbar ( $\pm 70.00$  mbar<sup>1</sup>)**GMH 3181-07H**

Art. no. 600417

Device -1.00 ... 70.00 mbar ( $\pm 70.00$  mbar<sup>1</sup>), Logger**GMH 3161-01-EX**

Art. no. 607458

Device type with Ex-protection

**GMH 3181-01-EX**

Art. no. 600796

Device type with Ex-protection

**GMH 3161-07H-EX**

Art. no. 610042

Device type with Ex-protection

**GMH 3181-07H-EX**

Art. no. 604074

Device type with Ex-protection

**Specifications:****Measuring range:** -100 ... 2500 Pa (-1.00 ... 25.00 mbar)**Overload:** max. 100 mbar max. 1000 mbar**Resolution:** 1 Pa (0.01 mbar) 0.01 mbar**Additional pressure units:** bar, kPa, PSI, mmHg, mH<sub>2</sub>O bar, Pa, kPa, PSI, mmHg, mH<sub>2</sub>O**Accuracy: (typ. values)****Hysteresis and linearity:**  $\pm 0.3$  % FS  $\pm 0.1$  % FS**Temperature-influence from 0 - 50 °C:**  $\pm 0.4$  % FS  $\pm 0.4$  % FS**Option higher accuracy available:** no already integrated**Pressure connection:** 2

For type specific data please refer to page 90.

\*1 measuring range possible by changing the pressure connection ports

**GMH 3161-07**

Art. no. 600400

Device -10.0 ... +350.0 mbar ( $\pm 350.0$  mbar<sup>1</sup>)**GMH 3181-07**

Art. no. 600413

Device -10.0 ... +350.0 mbar ( $\pm 350.0$  mbar<sup>1</sup>), Logger**GMH 3161-07B**

Art. no. 600402

Device -10.0 ... 420.0 mbar (-7.5 ... 315.0 mmHg)

**GMH 3181-07B**

Art. no. 600415

Device -10.0 ... 420.0 mbar (-7.5 ... 315.0 mmHg), Logger

**GMH 3161-07-EX**

Art. no. 604435

Device type with Ex-protection

**GMH 3181-07-EX**

Art. no. 601386

Device type with Ex-protection

**GMH 3161-07B-EX**

Art. no. 609064

Device type with Ex-protection

**GMH 3181-07B-EX**

Art. no. 604724

Device type with Ex-protection

**Specifications:****Measuring range:** -10.0 ... +350.0 mbar (-10.0 ... +420.0 mbar (-7.5 ... 315.0 mmHg))**Overload:** max. 1 bar max. 1 bar**Resolution:** 0.1 mbar 0.1 mbar (0.1 mmHg)**Additional pressure units:** bar, kPa, MPa, PSI, mmHg, mH<sub>2</sub>O bar, kPa, MPa, PSI, mH<sub>2</sub>O**Accuracy: (typ. values)****Hysteresis and linearity:**  $\pm 0.2$  % FS  $\pm 0.1$  % FS ( $\pm 0.1$  % FS)<sup>3</sup>**Temperature-influence from 0 - 50 °C:**  $\pm 0.4$  % FS  $\pm 0.4$  % FS**Option higher accuracy available:** yes already integrated**Pressure connection:** 2

For type specific data please refer to page 90.

\*1 measuring range possible by changing the pressure connection ports

\*2 without changing the pressure connection ports

\*3 Option higher accuracy

**Special design type:****Ex-protection (Ex II 2 G Ex ib IIC T4 Gb)**

Device type with Ex-protection