

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



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

### GMH 3161-002

Art. no. 600469

Pressure hand-held measuring device with integr. sensor

### GMH 3181-002

Art. no. 600470

Pressure hand-held measuring device with integr. sensor

### GMH 3161-002-EX

Art. no. 606685

Pressure hand-held measuring device with integr. sensor, Ex-protection (Ex II 2 G Ex ib IIC T4 Gb)

### GMH 3181-002-EX

Art. no. 609063

Pressure hand-held measuring device with integr. sensor, Ex-protection (Ex II 2 G Ex ib IIC T4 Gb)

#### 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



-100 ... +2500 Pa ( $\pm 2500$  Pa<sup>\*1</sup>)

### GMH 3161-01

Art. no. 600397

Pressure hand-held measuring device with integr. sensor

### GMH 3181-01

Art. no. 600411

Pressure hand-held measuring device with integr. sensor

### GMH 3161-01-EX

Art. no. 607458

Pressure hand-held measuring device with integr. sensor, Ex-protection (Ex II 2 G Ex ib IIC T4 Gb)

### GMH 3181-01-EX

Art. no. 600796

Pressure hand-held measuring device with integr. sensor, Ex-protection (Ex II 2 G Ex ib IIC T4 Gb)

-1,00 ... +70,00 mbar ( $\pm 70,00$  mbar<sup>\*1</sup>)

### GMH 3161-07H

Art. no. 600405

Pressure hand-held measuring device with integr. sensor

### GMH 3181-07H

Art. no. 600417

Pressure hand-held measuring device with integr. sensor

### GMH 3161-07H-EX

Art. no. 610042

Pressure hand-held measuring device with integr. sensor, Ex-protection (Ex II 2 G Ex ib IIC T4 Gb)

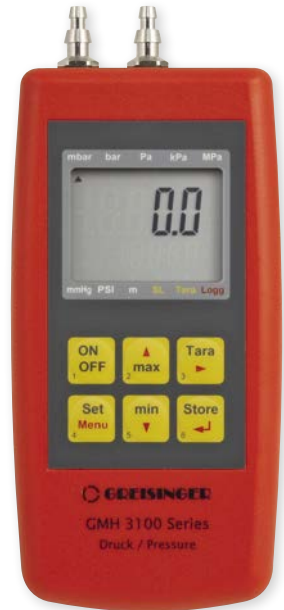
### GMH 3181-07H-EX

Art. no. 604074

Pressure hand-held measuring device with integr. sensor, Ex-protection (Ex II 2 G Ex ib IIC T4 Gb)

#### Specifications:

	... - 01	... - 07H
<b>Measuring range:</b>	-100 ... 2500 Pa (-1.00 ... 25.00 mbar)	-1.00 ... +70.00 mbar
<b>Overload:</b>	max. 100 mbar	max. 1000 mbar
<b>Resolution:</b>	1 Pa (0.01 mbar)	0.01 mbar
<b>Additional pressure units:</b>	bar, kPa, PSI, mmHg, mH <sub>2</sub> O	bar, Pa, kPa, PSI, mmHg, mH <sub>2</sub> O
<b>Accuracy: (typ. values)</b>		
<b>Hysteresis and linearity:</b>	$\pm 0.3$ % FS	$\pm 0.1$ % FS
<b>Temperature-influence from 0-50 °C</b>	$\pm 0.4$ % FS	$\pm 0.4$ % FS
<b>Option higher accuracy available:</b>	no	already integrated
<b>Pressure connection:</b>	2	



-10,0 ... +350,0 mbar ( $\pm 350,0$  mbar<sup>\*1</sup>)

### GMH 3161-07

Art. no. 600400

Pressure hand-held measuring device with integr. sensor

### GMH 3181-07

Art. no. 600413

Pressure hand-held measuring device with integr. sensor

### GMH 3161-07-EX

Art. no. 604435

Pressure hand-held measuring device with integr. sensor, Ex-Schutz (Ex II 2 G Ex ib IIC T4 Gb)

### GMH 3181-07-EX

Art. no. 601386

Pressure hand-held measuring device with integr. sensor, Ex-Schutz (Ex II 2 G Ex ib IIC T4 Gb)

-10,0 ... +420,0 mbar (-7,5 ... +315,0 mmHg)

### GMH 3161-07B

Art. no. 600402

Pressure hand-held measuring device with integr. sensor

### GMH 3181-07B

Art. no. 600415

Pressure hand-held measuring device with integr. sensor

### GMH 3161-07B-EX

Art. no. 609064

Pressure hand-held measuring device with integr. sensor, Ex-Schutz (Ex II 2 G Ex ib IIC T4 Gb)

### GMH 3181-07B-EX

Art. no. 604724

Pressure hand-held measuring device with integr. sensor, Ex-Schutz (Ex II 2 G Ex ib IIC T4 Gb)

#### Specifications:

	... - 07	... - 07B
<b>Measuring range:</b>	-10.0 ... +350.0 mbar	-10.0 ... +420.0 mbar (-7.5 ... 315.0 mmHg)
<b>Overload:</b>	max. 1 bar	max. 1 bar
<b>Resolution:</b>	0.1 mbar	0.1 mbar (0.1 mmHg)
<b>Additional pressure units:</b>	bar, kPa, MPa, PSI, mmHg, mH <sub>2</sub> O	bar, kPa, MPa, PSI, mH <sub>2</sub> O
<b>Accuracy: (typ. values)</b>		
<b>Hysteresis and linearity:</b>	$\pm 0.2$ % FS ( $\pm 0.1$ % FS) <sup>3</sup>	$\pm 0.1$ % FS
<b>Temperature-influence from 0-50 °C</b>	$\pm 0.4$ % FS	$\pm 0.4$ % FS
<b>Option higher accuracy available:</b>	yes	already integrated
<b>Pressure connection:</b>	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