

HANDHELD INSTRUMENT

DISPLAY / CONTROLLER

LOGGER / BUS SYSTEMS

TRANSMITTER

TEMPERATURE PROBE

ALARM / PROTECTION, LEVEL

MANOMETER FOR OVER/UNDER PRESSURE AND PRESSURE DIFFERENCE



GMH 3161-13

Art. no. 600409
Device -100 ... 2000 mbar ($\pm 2000 \text{ mbar}^1$)

GMH 3181-13

Art. no. 600421
Device -100 ... 2000 mbar ($\pm 2000 \text{ mbar}^1$), with data logger

GMH 3161-13-EX

Art. no. 600647
Device type with Ex-protection

GMH 3181-13-EX

Art. no. 602263
Device type with Ex-protection

Specifications:	
Measuring range:	-100 ... 2000 mbar (optional: -1000 ... 2000 mbar)
Overload:	max. 4 bar
Resolution:	1 mbar
Additional pressure units:	bar, kPa, MPa, PSI, mmHg, mH ₂ O
Accuracy: (typ. values)	
Hysteresis and linearity:	$\pm 0,2 \% \text{ FS}; (\pm 0,1 \% \text{ FS})^3$
Temperature-influence from 0 - 50 °C:	$\pm 0,4 \% \text{ FS}$
Option higher accuracy available: ja	
Pressure connection:	2
Option:	
MB -1...2 BAR	Measuring range: -1000 ... 2000 mbar *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

VAKUUM- BZW. BAROMETER



FÜR ABSOLUT-DRUCKMESSUNG

GMH 3161-12

Art. no. 600407
Device 0 ... 1300 mbar abs.

GMH 3181-12

Art. no. 600419
Device 0 ... 1300 mbar abs., with data logger

GMH 3161-12-EX

Art. no. 610043
Device type with Ex-protection

GMH 3181-12-EX

Art. no. 610044
Device type with Ex-protection

Specifications:	
Measuring range:	0 ... 1300 mbar abs.
Overload:	max. 4 bar abs.
Resolution:	1 mbar
Pressure units:	mbar, bar, kPa, MPa, PSI, mmHg, mH ₂ O
Accuracy: (typ. values)	
Hysteresis and linearity:	$\pm 0,2 \% \text{ FS}; (\pm 0,1 \% \text{ FS})^3$
Temperature-influence from 0 - 50 °C:	$\pm 0,4 \% \text{ FS}$
Option higher accuracy available: ja	
Pressure connection:	1
Sonderfunktion:	
SealLevel-Korrektur:	Der barometrische Luftdruck kann auch auf Meereshöhe „Null“ bezogen angezeigt werden. (Die Luftdruckkorrektur erfolgt durch Eingabe der Höhe über „Null“ in Meter)

For type specific data please refer to page 90.
*3 Option higher accuracy

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

COMPLETE SOLUTIONS



GMH 3161-07-WPD5

Art. no. 602684
Complete Solution incl. certificate of calibration ISO-WPD5 (5 points ascending / descending) and case GKK 3000.

GMH 3161-12-WPD5

Art. no. 602685
Complete Solution incl. certificate of calibration ISO-WPD5 (5 points ascending / descending) and case GKK 3000.

GMH 3161-13-WPD5

Art. no. 602686
Complete Solution incl. certificate of calibration ISO-WPD5 (5 points ascending / descending) and case GKK 3000.

ACCESSORIES

Options:	
Higher sensor accuracy	by multi point calibration Note: not possible for all device types!
ISO-WPD5	Art. no. 602514 ISO Certificate of calibration: 5 points increase, 5 points decrease.
ISO-WPD10	Art. no. 602565 ISO Certificate of calibration: 10 points increase, 10 points decrease.
Accessories and spare parts:	
GNG 10/3000	Art. no. 600273 plug-in power supply
GRS 3100	Art. no. 601097 interface converter, RS232, electrically isolated
USB 3100 N	Art. no. 601092 interface converter, USB, electrically isolated
GDZ-01	Art. no. 601541 PVC-tube (5 bar) 6/4 (6 mm outside-Ø, 4 mm inside-Ø)
GDZ-08	Art. no. 601555 Double adapter for 6/4 tube to 6/4 tube
GDZ-18	Art. no. 601576 tube clamp for 6/4 tube
GDZ-21	Art. no. 601582 T-piece for 6/4 tubes
GKK 3000	Art. no. 601048 case (275 x 229 x 83 mm) with cut-outs for GMH3xxx for miscellaneous accessories p.r.t. page 90