- Przetwornik wykonany ze stali szlachetnej z membraną Hastelloy
- Zakresy różnicy ciśnień od 50 mbar do 25 bar
- Dokładność ≤ 0.2%
- Jednostronne przeciążenie 40 bar
- Ciśnienie statyczne maks. 40 bar
- Wyjście analogowe 0(4)...20 mA, 2-przewodowe

Przetwornik różnicy ciśnień PD 40

Dane techniczne:

Zakresy pomiarowe:	0…50 mbar do 0...25 bar
Wyjście:	4…20 mA, 2-przewodowe zakres sygnału 3.8 … 20.5 mA
Dokładność:	≤ ± 0.2% FS @ 25°C
Histereza:	≤ ± 0.05% FS
Ciśnienie statyczne:	40 bar
Błąd ciśnienia statycznego:	≤ ± 0.1% FS/10 bar
Czas odpowiedzi:	200 ms
Zasilanie:	9…30V DC
Temperatura otoczenia:	-25...85 °C
Temperatura procesu:	-25...120 °C
Błąd temperaturowy:	≤ ± 0.02% FS/K
Stabilność długoterminowa:	≤ ± 0.1% FS (1 rok)
Przyłącze:	G 1/2“ / G 1/4“, 1.4404 (316L)
Membrana:	Hastelloy (C276)
Obudowa:	stal nierdzewna 1.4301 (304)
Złącze:	złącze EN 175301-803A, IP67 złącze M12x1, IP 67 złącze Quickon, IP 67 połączenie kablowe, IP67

Nöding
Meßtechnik

ΔP-Ranges

ranges	code	ranges	code
		-25..0..25 mbar / -2.5..0..2.5 kPa	BE6
0…50 mbar / 0…5	PB0	-50..0..50 mbar / -5..0..5	BB0
0…60 mbar / 0…6	PA9	-60..0..60 mbar / -6..0..6 kPa	BA9
0…75 mbar / 0…7.5	PY1	-75..0..75 mbar / -7,5..0..7,5 kPa	BY1
0…100 mbar / 0…10	P00	-100..0..100 mbar / -10..0..10 kPa	B00
0…160 mbar / 0…16	P01	-160..0..160 mbar / -16..0..16	B01
0…200 mbar / 0…20	PB1	-200..0..200 mbar / -20..0..20	BB1
0…250 mbar / 0…25	P02	-250..0..250 mbar / -25..0..25	B02
0...300 mbar / 0…30	PX5	-300..0..300 mbar / -30..0..30 kPa	BX5
0...370 mbar / 0…37	PY2	-370..0..370 mbar / -37..0..37 kPa	BY2
0...400 mbar / 0…40	P03	-400..0..400 mbar / -40..0..40	B03
0...500 mbar / 0…50	PB7	-500..0..500 mbar / -50..0..50	BB7
0...600 mbar / 0…60	P04	-600..0..600 mbar / -60..0..60	B04
0...1 bar / 0…100	P05	-1..0..1 bar / -100..0..100	B05
0...1.6 bar / 0…160	P06	-1.6..0..1.6 bar / -160..0..160	B06
0...2 bar / 0…200	PB3	-2..0..2 bar / -200..0..200	BB3
0...2.5 bar / 0…250	P07	-2.5..0..2.5 bar / -250..0..250	B07
0...3 bar / 0…300	PX3	-3..0..3 bar / -300..0..300	BX3
0...4 bar / 0…400	P08	-4..0..4 bar / -400..0..400	B08
0...5 bar / 0…500	PF1	-5..0..5 bar / -500..0..500	BF1
0...6 bar / 0…600	P09	-6..0..6 bar / -600..0..600	B09
0...10 bar / 0…1 M	P10	-10..0..10 bar / -1..0..1	B10
0...16 bar / 0…1.6 M	P11	-16..0..16 bar / -1.6..0..1.6	B11
0...20 bar / 0…2 M	PB5	-20..0..20 bar / -2..0..2 MPa	BB5
0...25 bar / 0…2.5 M	P12	-25..0..25 bar / -2.5..0..2.5	B12
non-standard range	P99	non-standard range	B99

Ordering code

Output signal
4 4...20 mA 2-wire (signal range 3.8…20.5 mA)

Range
Measurement range see table

Process connection and material
G 2 x G 1/2“ male, 1.4404
0 2 x G 1/4“ female, 1.4404 without seal
9 others (on request)

Connection seal
0 none
1 FPM (Viton) Standard
3 EPDM
9 others (on request)

Electrical connection
0 5m cable, IP 67
1 Connector EN 175301-803A IP 67
6 2m cable, IP 67
A Connector M12x1, IP 67
F Quickon Connector IP 67
H 10m cable, IP 67
9 others (on request)

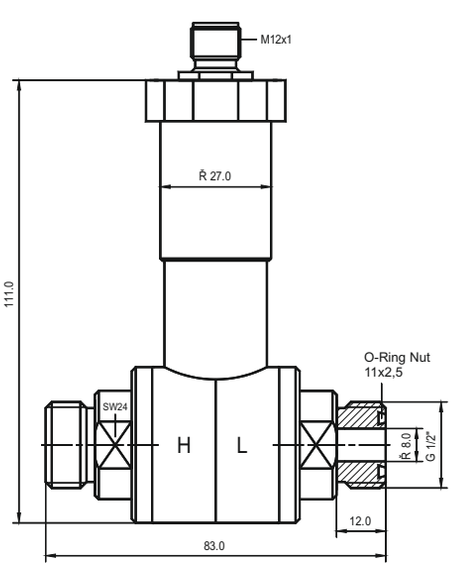
mounting position
S horizontal pressure connection
L vertical, top low connection
H vertical, top high connection

Options
0 none

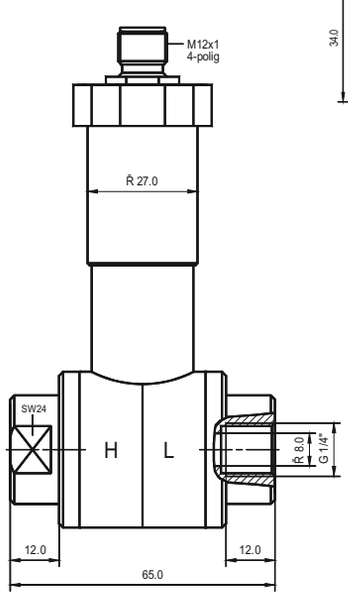
PD40- [ ][ ] - [ ][ ][ ] - [ ][ ]

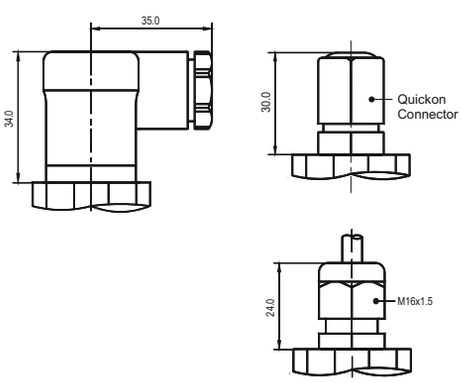
Dimensions (mm)

Type G Pmax. 40 bar



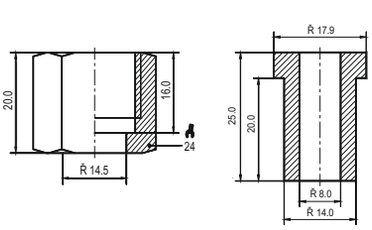
Type 0 Pmax. 40 bar





Adapter for G ´´“ (optional)

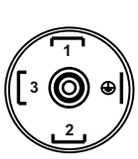
MA40 (1.4404)



Attention!
It is necessary to define the mounting position to avoid position-dependent drifts.
Standard mounting position is horizontal, pressure connection left / right (as shown above)

Electrical connections

connector EN175301-803A



4...20 mA 2-wires
PIN1 Signal +
PIN2 Signal –

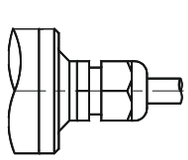
Quickon connector

4...20 mA 2-wires
PIN1 Signal +
PIN2 Signal –

connector M12, 4-pin

4...20 mA 2-wires
PIN1 Signal +
PIN3 Signal –

cable connection



4...20 mA 2-wires
brown Signal +
white Signal –

Modifications reserved without notice, 07.14

Nöding Meßtechnik GmbH Oldenfelder Bogen 29 D-22143 Hamburg Germany Tel. 040 / 67 58 51 - 0
Fax 040 / 67 58 51 - 49 Internet: www.noeding-messtechnik.de E-mail: info@noeding-messtechnik.de