

SPECIFICATIONS

Measuring ranges	: 0,1 bar to 16 bar
Output signal	: 4-20 mA, 2-wire
Adjustment	: Zero and span internally
Overall accuracy	: +/- 0,2% of adjusted span
Power supply	: 13 to 40 VDC (Exi: 17-28 VDC)
Electrical connection	: PG9 / 1/2" NPT
External load (max.)	: 550 Ohms/24 V to 1250 Ohms/40 VDC
Protection grade	: IP65
Process temperature	: -20°C to +80°C
Ambient temperature	: -20°C to +65°C
Temperature sensitivity:	+/- 0,03%/K (Ranges B and C) +/- 0,015%/K (Ranges D till G)
Process connections	: See pages 2 and 3
Wetted parts	: AISI 316 (standard) other materials may be specified
Electronic housing	: AISI 304 (standard) other materials may be specified
Zero elevation/suppression available	(specify)
Vacuum and compound ranges available	(specify)

Specifications can change without notice



*Model 8000-Range-W with diam 33 mm
weld-on nipple*

How to choose the right range?

When you choose the range, take the range with the highest overpressure.

Example 1: Your calibrated range must be 0-3 bar. Now you can choose between our range E or F. Both ranges can be calibrated at 0-3 bar (E = 1-4 bar and F = 2,5-10 bar). In this case take range F because it can withstand a much higher overpressure (30 bar) against range E (16 bar). By doing this, the lifetime of the transmitter can be much longer.

Example 2: Your calibrated range must be 0-10 bar. Choose between range F (2,5-10 bar) or G (7,5-16 bar). Take range G because the overpressure for range G is 80 bar and range F is 30 bar.

ORDERING CODE

Order code			SERIES 8000-						
measuring range bar	max. overpressure bar	adjustable span range bar min. - max.		↑	↑	↑	↑	↑	↑
0 - 0,1...0,4	6,4	0 - 0,1 / 0 - 0,4	B						
0 - 0,4...0,7	6,4	0 - 0,4 / 0 - 0,7	C						
0 - 0,7...1,5	10,5	0 - 0,7 / 0 - 1,5	D						
0 - 1 ...4	16	0 - 1 / 0 - 4	E						
0 - 2,5...10	30	0 - 2,5 / 0 - 10	F						
0 - 7,5...16	80	0 - 7,5 / 0 - 16	G						
PROCESS CONNECTIONS: - Weld-on nipple diam. 33 mm with viton O-ring and M8 lock screw (flush diaphragm) - Threaded nipple 1" BSP (WTB) or 1" NPT (WTN) instead of weld-on nipple diam. 33 mm (specify) - 1" BSP connection (flush diaphragm) - 1" NPT connection (flush diaphragm) - Other process connections, i.e. PMC, Valmet, Valcom, etc. (specify)				W	WTB	S	N	X	
OPTIONS: - Standard - Digital local Indicator, 3 1/2 digit, programmable				S	I				
- Vacuum Ranges (Specify relative or absolute). Compound range available (example: -1 / +1 bar)							V		
- Intrinsically safe: CENELEC EEx ia IIC T4								Ex	
Special versions: Specify wetted parts; Hastelloy B or C. Or specify special process connection									G

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