



- 4 - EMC immunity: as per EN 61000.
- 4 - Wiring: shieldless cable.
- 4 - Compensated temperature range: -25...+85°C.

Functional characteristics

Ranges: 0...1/0...400 bar, relative;
 -1...0/-1...+15 bar, relative.
 Accuracy (% F.S.V.): - 1,0.
 Calibration: limit-point, as per DIN 16086.
 Repeatability: - 0,15 % F.S.V.
 Thermal drift: - 0,02 % F.S.V. / °C.
 Annual drift: - 0,2 % F.S.V.
 Process fluid temperature: -25...+100 °C.
 Ambient temperature: -25...+85 °C.
 Storage temperature: -25...+100 °C.

Constructive characteristics


Process connection: AISI 316 st.st.
 Sensor: ceramic cell.
 Gasket: VITON.
 Case: AISI 304 st.st.
 Electric connection: junction box as per DIN 43650 with exit for cables ø 6...9.
 Protection: IP 65 as per IEC 529.

Electrical characteristics

Output signals: 4...20 mA, 0...5 Vdc, 0...10 Vdc.
 Supply and max load: see on page 2.
 Response time (10...90%): <1 ms.
 Zero calibration: ± 10 % F.S.V. typical.
 Range calibration: ± 10 % F.S.V. typical.
 Compensated temperature range: -25...+85 °C.

Ranges bar, relative (1)	Overpressure bar, relative	Burst pressure bar, relative
0...1/0...2,5	5	7
0...4	10	12
0...6/0...10	20	25
0...16	40	50
0...25/0...40	100	120
0...60/0...100	200	250
0...160/0...250	500	600
0...400	600	800

(1) Unit of measurement: as requested by customer.

 Compliance to requirements of
 EMC directives : 89/336/EEC - 93/68/EEC.

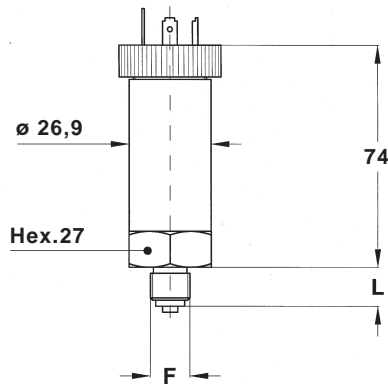
EMISSION standards references

EN 50081-1 (1992)	"Generic emission standard"
EN 55022 (1993)	"Emission, class B"

IMMUNITY standards references

EN 61000-6-2 (1999)	"Industrail env. immunity standard"
EN 61000-4-2 (1995)	"Electrostatic discharge"
EN 61000-4-3 (1995)	"Radiated radio-frequency, electromagnetic fields"
EN 61000-4-4 (1995)	"Electrical fast transient/burst"
EN 61000-4-5 (1995)	"Surge"
EN 61000-4-6 (1996)	"Conducted radio-frequency fields"

DIMENSIONS (mm.)

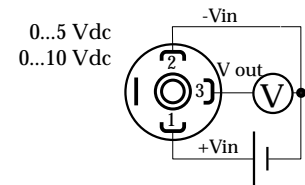
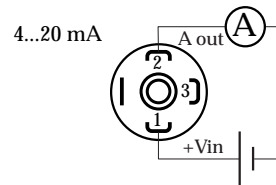


Weigth: 0,22 Kg.

F	L
1/4" BSP	13
1/4" NPT	15

WIRING

Output signals	4...20 mA	0...5 Vdc	0...10 Vdc
N. of wires	2	3	3
Load (Ohm)	$R_L - (V_{in}-10)/0,02$	5 K Ω min.	10 K Ω min.
Supply: +Vin	10...30	8...28	14...28
Ground	(pls. refer to Installation Manual)		



HOW TO ORDER

	DESCRIPTION & CODE
08	08 - electronic instruments
33	33 - pressure transmitter ST - with ceramic sensor BRAVO
000	
C	A : -1...0/-1...+15 bar, relative C : 0...1/0...400 bar, relative
0/10 bar	See range table
21M	21M - 1/4" BSP M 23M - 1/4" NPT M
10E	10E - 4...20 mA; +Vin:10...30 Vdc 40F - 0...5 Vdc; +Vin: 8...28 Vdc 50D - 0...10 Vdc; +Vin:14...28 Vdc

ACCESSORIES

Digital indicator: The display range is from -1.999 to +1.999, and 2 built-in alarms relay allow to control the local process. It also provides supply to the transmitter. For further details refer to data-sheet 08.P6A.



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