



Precision differential pressure sensor CS 0...400 mbar

Precise measurement of lowest differential pressure in systems with high static pressure.

Typical application in the compressed air:

Differential pressure measurement at filtration systems.

Further typical applications are common in the chemical and process industry.

Technical Data

Measuring range:	0...400 mbar (differential pressure)
Static pressure:	max. 40 bar
Accuracy:	0,075% of full scale
Process connection:	1/4" - 18 NPT
Medium temperature:	-40...+104°C
Measuring principle:	capacitive
Output:	4...20 mA, 2-wire
Power supply:	12...45 VDC
Electrical connection:	M12, 5-pole
Ambient temperature:	-20...+85°C
Material:	Parts under pressure: stainless steel 1.4435 Housing: Stainless steel 1.4571
Protection class:	IP 65
Weight:	3,3 Kg

Special features:

- High precision
- for very low differential pressure
- Could be used in high static pressure



Description	Order No.
Precision differential pressure sensor CS400, 0...400 mbar differential pressure 0,075% accuracy of full scale, static pressure max. 40 bar	0694 3560
Precision differential pressure sensor for further measuring ranges, e.g.: 0...75 mbar, 0...2 bar, 0...7 bar, 0...21 bar, 0...70 bar, 0...200 bar, 0...420 bar	on request

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