

BAROCEL 7025M CAPACITANCE DIAPHRAGM GAUGE

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The Barocel 7025m capacitance diaphragm gauge is designed for those who need high end performance in a small package.

This solution has all the benefits of the main 7000 series, such as fantastic zero stability and zero maintenance, but in a reduced footprint. The corrosion resistant sensor and any orientation mounting make it ideal for many industrial applications where a typical pirani gauge would not be suitable.



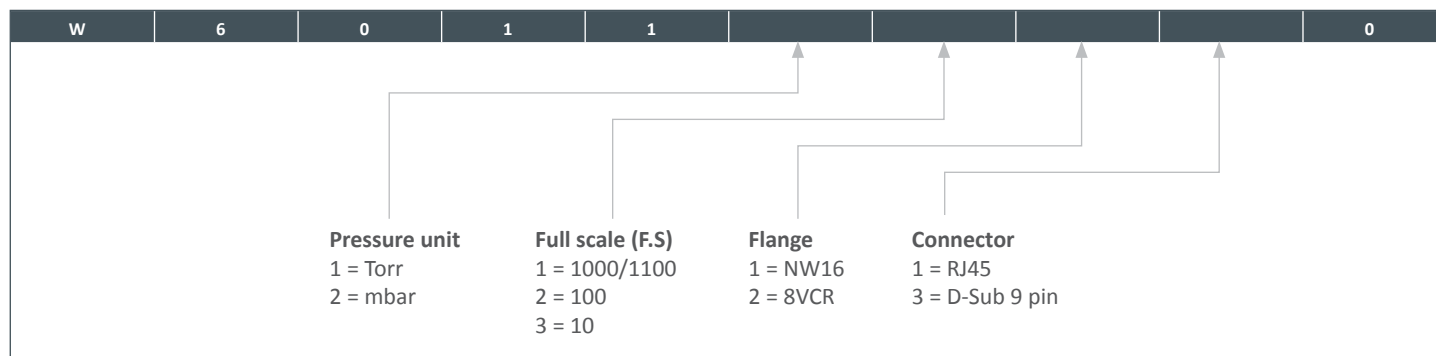
Features and benefits

- Compact size
- Zero stability
- Corrosion resistant sensor
- Integrated protective filter
- Any orientation mounting

Typical applications

- Pressure monitoring
- Analytical
- Food/packaging
- Vacuum cleaning/furnace/sterilisation

Barocel 7025m selection tree



Technical data

Performance	7025m
FS options	1000(1100)/100/10
Accuracy (% of Reading)	1.0
Temperature effect	
On zero (percentage FS/°C)	0.02
On span (% of reading/°C)	0.02
Resolution (percent FS)	0.05
Long term stability (Percent FS/YR)	0.5
Lowest reading (percent FS)	0.05
Temperature compensated range (°C)	+10 to +50
Admissible temps	
Ambient(°C)	0 to 70
Bakeout (at flange) (°C)	<110
Storage (°C)	-20 to +85
Supply voltage V (dc)	+13 to +30
Power consumption (W)	<0.3
Output signal V (dc)	0 to +10
Response time (ms)	100
IP rating	40
Dimensions (NW16 & RJ45)	28.3x28.3x99
Materials exposed to vacuum	Aluminium oxide ceramic (Al ₂ O ₃), stainless steel 1.4404 (AISI 316L)

Ordering information

Accessory	Order number
TIC instrument controller 6 head capman	D39702000
TIC adaptor cable for Barocel	D40003050

Connection cable options	Order number
0.5 m	D40001005
1 m	D40001010
3 m	D40001030
5 m	D40001050
10 m	D40001100
15 m	D40001150
25 m	D40001250
50 m	D40001500

GLOBAL CONTACTS

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