

BAROCEL 7025M CAPACITANCE DIAPHRAGM GAUGE

edwardsvacuum.com

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.



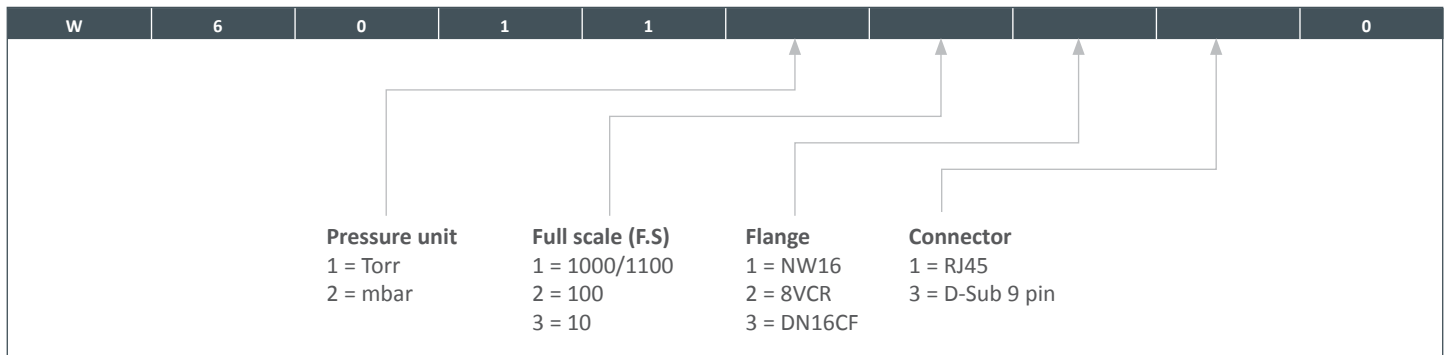
Features and benefits

- 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 (Al2O3), stainless steel 1.4404 (AISI 316L)

Ordering information

Accessory	Order number
TIC instrument controller 6 head capman	D39702000

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

Publication No 3601 0520 01

© Edwards Limited 2020. All rights reserved Edwards and the Edwards logo are trademarks of Edwards Limited.

Whilst we make every effort to ensure that we accurately describe our products and services, we give no guarantee as to the accuracy or completeness of any information provided in this datasheet.

Edwards Ltd, registered in England and Wales
No. 6124750, registered office: Innovation Drive,
Burgess Hill, West Sussex, RH15 9TW, UK.

EMEA

UK	+44 (0) 1444 253 000 (local rate) 0845 921 2223
Belgium	+32 2 300 0730
France	+33 1 4121 1256
Germany	0800 000 1456
Italy	+ 39 02 48 4471
Israel	+ 972 8 681 0633

ASIA PACIFIC

China	+86 400 111 9618
India	+91 20 4075 2222
Japan	+81 47 458 8836
Korea	+82 31 716 7070
Singapore	+65 6546 8408
Taiwan	+886 3758 1000

AMERICAS

USA	+1 800 848 9800
Brazil	+55 11 3952 5000

