



Technical data

Performance		7045		
FS options	1000(1100)	100/10/1	0.1	
Accuracy (% of reading)	0.15	0.15	0.15	
<b>Temperature effect</b>				
On zero (percentage FS/°C)	0.0025	0.0025	0.005	
On span (% of reading/°C)	0.01	0.01	0.01	
Resolution (percent FS)	0.003	0.003	0.003	
Lowest reading (percent FS)	0.05	0.05	0.05	
<b>Admissible temps</b>				
Ambient(°C)	+10 to + 40	+10 to + 40	+10 to +40	
Bakeout (at flange) (°C)	<110	<110	<110	
Storage (°C)	-20 to +65	-20 to +65	-20 to +65	
Pressure max (kPa) absolute	400	260	130	
Supply voltage V (dc)	+14 to +30 or +-15V	+14 to +30 or +-15V	+14 to +30 or +-15V	
Power consumption during heat up (W)	<12	<12	<12	
Power consumption at operating temperature (W)	<8	<8	<8	
Output signal V (dc)	0 to +10	0 to +10	0 to +10	
Response time (ms)	30	30	30	
IP rating	40	40	40	
Dimensions (NW16 & D-sub 15pin)	82x82x142	82x82x142	82x82x142	
Materials exposed to vacuum	Aluminium oxide ceramic (Al2O3), stainless steel (AISI 316L)			
<b>Set points</b>				
Number of	2	2	2	
Relay contact (V (dc))	30	30	30	
Hysteresis (percent F.S)	1	1	1	

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

Publication No 3601 0539 01

© Edwards Limited 2019. 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

