

## SKY CDG045D mbar based products

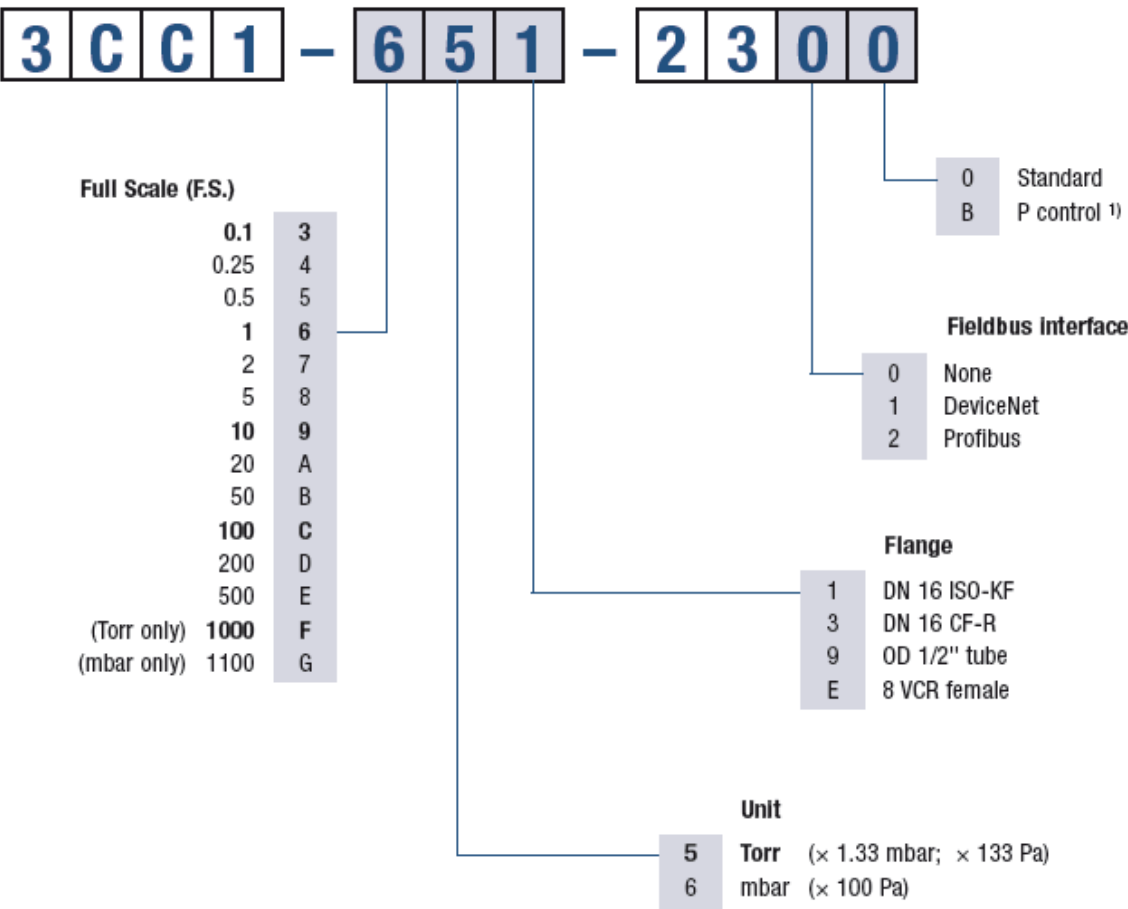
INFICON SKY CDG045D manometers are your best choice for high accuracy total pressure measurement and control. CDG045D gauges are temperature controlled at 45 °C for superior signal stability and repeatability. They are available for full scale ranges from 100m Torr to 1000 Torr, with all common flange types and fieldbus interfaces and provide a linear 0 to 10 V, gas type independent pressure signal. INFICON capacitance manometers use an ultra pure alumina ceramic diaphragm which is corrosion proof. The advantages of the ceramic sensor are better signal stability, faster recovery from atmosphere, short warm up time and an extraordinary lifetime. INFICON CDGs are high quality, cost effective pressure sensors for demanding vacuum applications.



### FEATURES

- Lower cost of ownership, 50% faster warm up, energy efficient low power consumption
- Easy integration, wide variety of full scales, flanges and interfaces, standard with two set points
- Easy one push button or remote signal zero command, zero offset adjustable
- Diagnostic port for quick service and maintenance
- Two year warranty, longer life time with advanced heating concept and gauge protection
- No long term recalibration due to excellent signal stability and repeatability, even in harsh plasma applications
- Compliance & standards: CE, EN, UL, SEMI, RoHS

ORDERING INFORMATION



<sup>1)</sup> Optimised signal filter setting for pressure control.

**bold** = standard products

Other flange types and full scale ranges (F.S.) on request.

## SPECIFICATIONS

| Type                                   | 1100 mbar | 100 mbar | 10 mbar | 1 mbar | 0.1 mbar |
|--|-----------|----------|---------|--------|----------|
| Measurement Range F.S.<br>(Full Scale) | 1100      | 100      | 10      | 1      | 0.1      |
| Accuracy                               | 0.15      | 0.15     | 0.15    | 0.15   | 0.15     |
| Temperature effect                     |           |          |         |        |          |
| on zero                                | 0.0025    | 0.0025   | 0.0025  | 0.0025 | 0.005    |
| on span                                | 0.01      | 0.01     | 0.01    | 0.01   | 0.01     |
| Pressure, max.                         | 400       | 260      | 260     | 260    | 130      |
| Response time                          | 30        | 30       | 30      | 30     | 130      |

## ACCESSORIES

|                            | 1100 mbar | 100 mbar | 10 mbar | 1 mbar  | 0.1 mbar |
|----------------------------|-----------|----------|---------|---------|----------|
| Diagnostic cable 1.9m (P3) | 303-333   | 303-333  | 303-333 | 303-333 | 303-333  |



[www.inficon.com](http://www.inficon.com)    [reachus@inficon.com](mailto:reachus@inficon.com)

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