SHORT FORM CATALOG

MONOLITIC CERAMIC PRESSURE SENSORS

ms 18c (Temperature compensated)

ms 18u (Temperature uncompensated)

¤ Large volume, High performance, Low Cost O.E.M. applications ¤Full internal protection against Humidity and Condensation

¤ Direct contact with aggressive media

programmable Electronics

Pressure Range :

Full Scale Output:

Temperature range:

Supply Voltage:

electronics

Full Scale Output:

Temperature range:

Easy integration on board industrial machines and equipments

ma 18i (High Level Output Voltage Signal)

Dual Sensor, Pressure + Temperature⁽¹⁾ + On-board



Pressure Range : Supply Voltage: Full Scale Output: Temperature range:

Pressure Sensor

Pressure Sensor

Pressure Range :

Full Scale Output:

Temperature range:

Supply Voltage:

0-2 to 0-200 bar, Gage 30 Vdc, maximum 3 mV/V, typical - 40°C to +135°C

0-2 to 0-200 bar, Gage (*)

30 Vdc maximum

- 40°C to +135°C

3 mV/V, typical

Ø 18 mm



Ø 18 mm

(*) 400 bar and 600 bar available on request.



Ø 18 mm

Pressure sensor + On-board programmable Pressure Range : Supply Voltage:

(1) Platinum Probe: Pt 1000Ω - Class B, on request

ma 18e (High Level Output Voltage Signal)

0-5 to 0-200 bar, Gage 5Vdc, ratiometric 0.5 to 4.5 VDC - 40°C to +135°C

0-5 to 0-200 bar, Gage

5 Vdc, ratiometric

- 25°C to +85°C

0.5 to 4.5 VDC



(*) Custom Solutions: Full Scale Range up to 1000 bar,

100-600 bar

3 mV/V, typical

-40°C to +135°C

30 Vdc, maximum

New OC 18 (Temperature Compensated)

Dual sensor, Pressure + Temperature (1)

(1) Platinum Probe: Pt 1000Ω - Class B



Ø 18 mm

PCT 18 (Temperature Compensated)

(1) Platinum Probe: Pt 1000Ω - Class B

please consult us.

Pressure Range (*):

Supply Voltage:

Full Scale Output:

Temperature range:

please consult us

0-1 to 0-600 bar, Gage or Absolute Pressure Range (*): 30 Vdc, maximum Supply Voltage: Full Scale Output: 3 mV/V, typical



Temperature range:

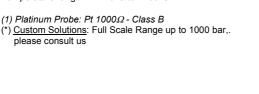
0-1 to 0-600 bar, Gage or

(PCT18-0545 Models only)



Dual sensor, Pressure + Temperature (1)

Zero & Span Adjustments by potentiometers Protected against reverse polarity & transient voltage



New LC 18 (Temperature Compensated)

Pressure Sensor for level measurement

Pressure Range :

Full Scale Output: Temperature range:

Gage or Absolute (only 1 bar) 30 Vdc, maximum 4 mV/V, typical - 40°C to +135°C



Supply Voltage: Full Scale Output: Temperature range: 0-1 to 0-400 bar, Gage or - 40°C to +135°C

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Dual sensor, Pressure + Temperature⁽¹⁾

Temperature range: -40°C to +135°C

0-1 to 0-50 bar Gage or Absolute

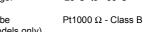
Sealed gage



Ø 18 mm

Pressure Sensor Pressure Range -Supply Voltage: Full Scale Output:

PC & PCT18-0545 (0.5 - 4.5 Vdc Output Signal) Absolute







Pressure Range : Supply Voltage:

Absolute 9 to 30 Vdc 4-20 mA, 2 wires - 20°C to + 85°C

Pt1000Ω - Class B











0-250/400/600 mbar & 1 bar,



PC 30 (Temperature Compensated)

Pressure Sensor Pressure Range :

Absolute 30 Vdc. maximum 4 mV/V, typical

Ø 18 mm

0-1 to 0-600 bar, Gage or

Output Signal (Pressure): Temperature range:

(1) Temperature Probe:

Temperature probe

6 to 16 Vdc or +5 Vdc 0.5 - 4.5 Vdc - 25°C to +85°C