

SHORT FORM CATALOG

MONOLITHIC CERAMIC PRESSURE SENSORS

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

- Direct contact with aggressive media
- Easy integration on board industrial machines and equipments

ms 18c (Temperature compensated)

Pressure Sensor



Ø 18 mm

Pressure Range : 0-2 to 0-200 bar, Gage
 Supply Voltage: 30 Vdc, maximum
 Full Scale Output: 3 mV/V, typical
 Temperature range: -40°C to +135°C

ms 18u (Temperature uncompensated)

Pressure Sensor



Ø 18 mm

Pressure Range : 0-2 to 0-200 bar, Gage (*)
 Supply Voltage: 30 Vdc, maximum
 Full Scale Output: 3 mV/V, typical
 Temperature range: -40°C to +135°C

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

ma 18i (High Level Output Voltage Signal)

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



Ø 18 mm

Pressure Range : 0-5 to 0-200 bar, Gage
 Supply Voltage: 5 Vdc, ratiometric
 Full Scale Output: 0.5 to 4.5 VDC
 Temperature range: -25°C to +85°C

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

ma 18e (High Level Output Voltage Signal)

Pressure sensor + On-board programmable electronics



Ø 18 mm

Pressure Range : 0-5 to 0-200 bar, Gage
 Supply Voltage: 5Vdc, ratiometric
 Full Scale Output: 0.5 to 4.5 VDC
 Temperature range: -40°C to +135°C

FLUSH CERAMIC PRESSURE SENSORS

PCT 18 (Temperature Compensated)

Dual sensor, Pressure + Temperature⁽¹⁾



Ø 18 mm

Pressure Range (*): 0-1 to 0-600 bar, Gage or Absolute
 Supply Voltage: 30 Vdc, maximum
 Full Scale Output: 3 mV/V, typical
 Temperature range: -40°C to +135°C

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

(*) Custom Solutions: Full Scale Range up to 1000 bar, please consult us.

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

Pressure Sensor



Ø 18 mm

Pressure Range : 0-1 to 0-600 bar, Gage or Absolute
 Supply Voltage: 6 to 16 Vdc or +5 Vdc
 Full Scale Output: 0.5 - 4.5 Vdc
 Temperature range: -25°C to +85°C

Temperature probe Pt1000Ω - Class B
 (PCT18-0545 Models only)

New OC 18 (Temperature Compensated)

Dual sensor, Pressure + Temperature⁽¹⁾



Ø 18 mm

Pressure Range (*): 0-1 to 0-50 bar Gage or Absolute
 100-600 bar Sealed gage
 Supply Voltage: 30 Vdc, maximum
 Full Scale Output: 3 mV/V, typical
 Temperature range: -40°C to +135°C

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

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

PC18 CH (4 - 20 mA Output Signal)

Dual sensor, Pressure + Temperature⁽¹⁾



Ø 18 mm

Pressure Range : 0-1 to 0-600 bar, Gage or Absolute
 Supply Voltage: 9 to 30 Vdc
 Output Signal (Pressure): 4-20 mA, 2 wires
 Temperature range: -20°C to +85°C

(1) Temperature Probe: Pt1000Ω - Class B
 Zero & Span Adjustments by potentiometers
 Protected against reverse polarity & transient voltage

New LC 18 (Temperature Compensated)

Pressure Sensor for level measurement



Ø 18 mm

Pressure Range : 0-250/400/600 mbar & 1 bar,
 Gage or Absolute (only 1 bar)
 Supply Voltage: 30 Vdc, maximum
 Full Scale Output: 4 mV/V, typical
 Temperature range: -40°C to +135°C

PC 30 (Temperature Compensated)

Pressure Sensor



Ø 30 mm

Pressure Range : 0-1 to 0-400 bar, Gage or Absolute
 Supply Voltage: 30 Vdc, maximum
 Full Scale Output: 4 mV/V, typical
 Temperature range: -40°C to +135°C