

KOLEKTOR



Monolithic & Flush ceramic pressure sensing elements

▶ Large volume, High performance, Low Cost O.E.M. applications

▶ Full internal protection against Humidity

▶ Direct contact with aggressive media

▶ Easy integration in industrial machines and equipments

Monolithic ceramic pressure sensing elements



ms18c & ms18cT (Temperature compensated)

Dual sensor, Pressure + Temperature¹

Pressure Range: 0-2 to 0-600 bar, Gage
 Supply Voltage: 30 VDC, maximum
 Full Scale Output: 3mV/V, typical
 Temperature range: -40°C to 135°C

¹Temperature probe (NTC/PT1000) on request- ms18cT model



ma18i & ma18e (0.5-4.5 VDC Output Signal)

Dual sensor, Pressure + Temperature¹ + On board programmable electronics

Pressure Range: 0-5 to 0-200 bar, Gage
 Supply Voltage: 5 VDC, ratiometric
 Full Scale Output: 0.5-4.5 VDC
 Temperature range: -25°C to 85°C (ma18i) or -40°C to 135°C (ma18e)

¹Temperature probe PT1000 Ω Class B or NTC on request (ma18i model)



ms18 CL (4-20 mA Output Signal)

Pressure Sensor

Pressure Range: 0-2 to 0-600 bar, Gage
 Supply Voltage: 9 to 30 VDC
 Output Signal (Pressure): 4-20 mA, 2 wires
 Temperature range: -25°C to +85°C

Digital Zero & Span Adjustments
 Protected against reverse polarity & transient voltage

Flush ceramic pressure sensing elements



OCS18 & OCST18 (Temperature compensated)

Dual sensor, Pressure + Temperature¹

Pressure Range*: 0-2 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

*Custom solutions: full scale range up to 1.000 bar available on request.
¹Temperature probe PT1000 Ω Class B or NTC on request (OCST18 model)



OC18 & OCT18 (Temperature compensated)

Dual sensor, Pressure + Temperature¹

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

*Higher range up to 1.000 bar available on request
¹Temperature probe PT1000 Ω Class B or NTC on request (OCST18 model)



LCS18 (Temperature compensated)

Low pressure sensor for level measurement

Pressure Range: 0-250/400/600 mbar and 1 bar
 Gage or Absolute (1bar only)
 Supply Voltage: 30 VDC, maximum
 Full Scale Output: 3 mV/V, typical
 Temperature range: -40°C to +135°C



OCS18 CL (4-20 mA Output Signal)

Pressure Sensor

Pressure Range: 0-2 to 0-600 bar, Gage
 Absolute or Sealed Gage
 Supply Voltage: 9 to 30 VDC
 Full Scale Output: 4-20 mA, 2 wires
 Temperature range: -25°C to +85°C

Digital Zero & Span Adjustments
 Protected against reverse polarity & transient voltage



OCS18P & OCS18PT (Temperature compensated)

Dual sensor, Pressure + Temperature¹

Pressure Range: 0-2 to 0-50 bar, Gage
 Supply Voltage: 5 VDC
 Full Scale Output: 0.5 -4.5 VDC
 Temperature range: -25°C to +85°C

¹Platinum Probe: Pt 1000 Ω - Class B