

## SHORT FORM CATALOG

### MONOLITHIC CERAMIC PRESSURE SENSORS

#### ms 18c ( Temperature compensated )



Ø 18 mm

##### Pressure Sensor

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

- Large volume, High performance, Low Cost O.E.M. applications
- Full internal protection against Humidity
- Direct contact with aggressive media
- Easy integration on board industrial machines and equipments

#### ma 18i ( High Level Output Voltage Signal )



Ø 18 mm

##### Dual Sensor, Pressure + Temperature<sup>(1)</sup> + On-board programmable Electronics

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

#### ms18 CL ( 4 - 20 mA Output Signal )



Ø 18 mm

##### Dual sensor, Pressure

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



Ø 18 mm

#### ma 18e ( Amplified & High Operating Temp. Range )

##### Pressure sensor + On-board programmable Electronics

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

#### OCS 18 & OCST18 ( Temperature Compensated )



Ø 18 mm

##### Dual sensor, Pressure + Temperature<sup>(1)</sup>

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

(1) Platinum Probe: Pt 1000Ω - Class B  
 OCST18 version



Ø 18 mm

#### OCS18 - 0545 ( 0.5 - 4.5 Vdc output )

##### Pressure Sensor

Pressure Range: 0-2 to 0-600 bar, Gage,  
 Absolute, Sealed Gage  
 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 Pt1000 Ω - Class B  
 (OCST18-0545 Models only)

#### OC 18 & OCT 18 ( Temperature Compensated )



Ø 18 mm

##### Dual sensor, Pressure + Temperature<sup>(1)</sup>

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  
 OCST18 version

(\*) Custom Solutions: Full Scale Range up to 1000 bar  
 Please consult us



Ø 18 mm

#### OCS 18 CL ( 4 - 20 mA Output Signal )

Pressure Range: 0-2 to 0-600 bar, Gage,  
 Absolute, Sealed 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

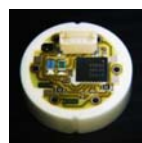
#### LCS 18 ( Temperature Compensated )



Ø 18 mm

##### Low Pressure Sensor for level measurement

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



Ø 18 mm

#### OCS 18 P & OCS 18 PT ( Temperature Compensated )

##### Dual sensor, Pressure + Temperature<sup>(1)</sup>

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

(1) Platinum Probe: Pt 1000Ω - Class B  
 OCS 18 PT version

Better accuracy is achievable by digital calibration.  
 Please consult us