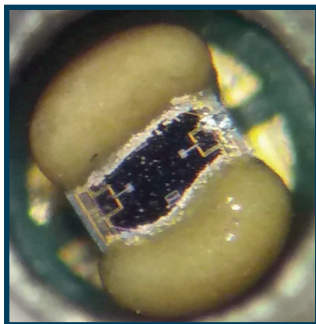


Ultra small pressure sensor for harsh environment Standard Temperature

1,2 mm up to 100C°

MP-1.20-WOT-YYY-A-ST



MODEL DEFINITION

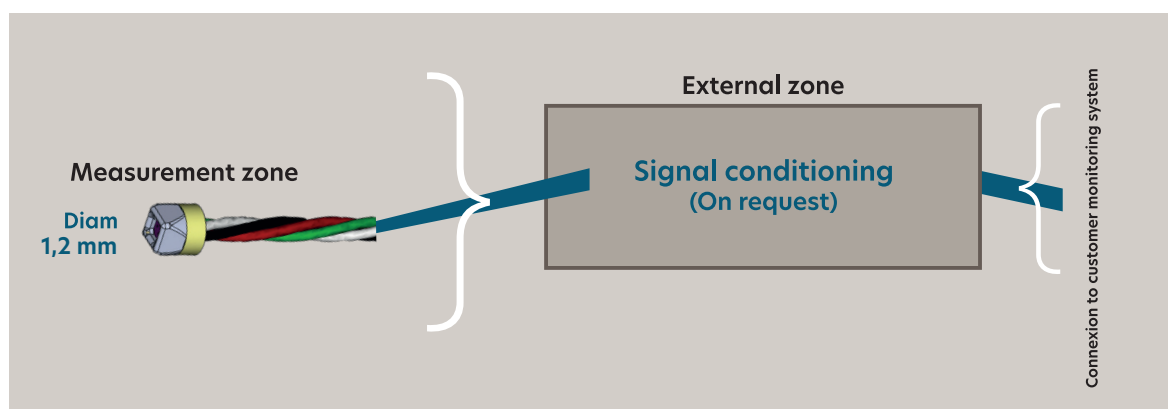
WOT: without tube
is the standard product
YYY: pressure range in bar
(002, 004, 010)
A: absolute pressure
measurement
ST: standard temperature
up to 100C°

OVERVIEW

- Outer diameter 1,2 mm
- From 2 to 10 Bar Absolute pressure sensor
- Burst pressure 10 bar
- Wide temperature range up to 100C°
- Harsh environment
- Customized solution possible
- mVolt output

APPLICATIONS

- Instrumentation (ie: Automotive, ...)
- Aerodynamic testing (ie: wind tunnel)
- Industrial process monitoring
- Pumps
- Biomedical
- Oil and gas
- ...



PART NUMBER

MP-1.20-WOT-YYY-A-ST

Outer diameter	1,2mm
Pressure range ¹	0-2 bar 0-4 bar 0-10 bar 0-30 psi 0-60 psi 0-100 psi
Max nominal pressure	2 bar 4 bar 10 bar 30 psi 60 psi 100 psi
Proof pressure ¹	3 * nominal
Burst pressure ¹	5 * nominal
Bridge resistance	6,2 kΩ typical / (5-7 kΩ)
Vout span	100 mV typical / (65-135mV)
Tmax ²	100 Celsius
Accuracy ³	0,25% @ FS
Signal amplification	None
Fluid	Dry air or inert gas

Remark:

- All sensors are provided with a control sheet given pressure level versus mVolt @ 25C° under a supply voltage of 5 Volt.
- Accuracy of passive compensation 2%FS (passive compensation has to remain @ 25C°) (in option)
- Active compensation (nonstandard request - Highest accuracy but lowest acquisition frequency)

1 | Absolute pressure

2 | TMCL qualification tests - JEDEC JESD22-A104
« temperature cycling » @ Tmax

3 | Accuracy @25 Celsius

CONTACT

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