



Differential, Gauge and Absolute Compensated Pressure Sensor (0 to 100 kPa)

MPXx2102

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The MPX2102/MPXV2102G/MPXM2102 series of pressure sensors provide silicon piezoresistive devices for medical and industrial applications.

- Offers a highly accurate and linear voltage output directly proportional to the applied pressure
- Includes a single monolithic silicon diaphragm with the strain gauge and a thin-film resistor network integrated on-chip
- Delivers a laser-trimmed chip for precise span, offset calibration and temperature compensation

MPXx2102_BD Block Diagram

PACKAGING ORDERING INFORMATION

Device Type	Packing Options	Case
MPXV2102GP	Gauge, Side Port, SMT	1369
MPXV2102DP	Differential,Dual Port, SMT	1351
MPX2102A	Absolute, Differential	344
MPX2102D	Absolute, Differential	344
MPX2102DP	Differential, Dual Port	344C
MPX2102AP	Absolute, Gauge	344B
MPX2102GP	Absolute, Gauge	344B
MPX2102ASX	Absolute, Gauge Axial	344F
MPX2102GSX	Absolute, Gauge Axial	344F
MPX2102GVP	Gauge, Vacuum	344D
MPXM2102D	Gauge	1320
MPXM2102DT1	Gauge	1320
MPXM2102A	Absolute	1320
MPXM2102AT1	Absolute	1320
MPXM2102GS	Gauge, Axial Port	1320A
MPXM2102GST1	Gauge, Axial Port	1320A
MPXM2102GST1	Absolute, Axial Port	1320A
MPXM2102AST1	Absolute, Axial Port	1320A

View additional information for [Differential, Gauge and Absolute Compensated Pressure Sensor \(0 to 100 kPa\)](#).

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