



MPM286
Piezoresistive pressure sensor
Φ19×6.5mm

Pressure Range: 0kPa~20kPa...3.5MPa
Power Supply: ≤ 2.0mA DC; ≤ 10V DC
FS Output: ≥ 45mV DC
Nonlinearity:
±0.15%FS (Typ.), ±0.25%FS (Max.)
Repeatability: ±0.075%FS
Hysteresis: ±0.075%FS (Max.)
Zero Temp. Error: ±1.0%FS (Max.)
FS Temp. Error: ±1.0%FS (Max.)
Compensated Temp.: 0°C ~ 50°C



MPM287
Piezoresistive pressure sensor
Φ17×9mm

Pressure Range: 0kPa~100kPa...3.5MPa
Power Supply: ≤ 2.0mA DC; ≤ 10V DC
FS Output: ≥ 50mV DC
Nonlinearity:
±0.2%FS (Typ.), ±0.25%FS (Max.)
Repeatability: ±0.075%FS (Max.)
Hysteresis: ±0.075%FS (Max.)
Zero Temp. Error: ±1.0%FS (Max.)
FS Temp. Error: ±1.0%FS (Max.)
Compensated Temp.: 0°C ~ 70°C



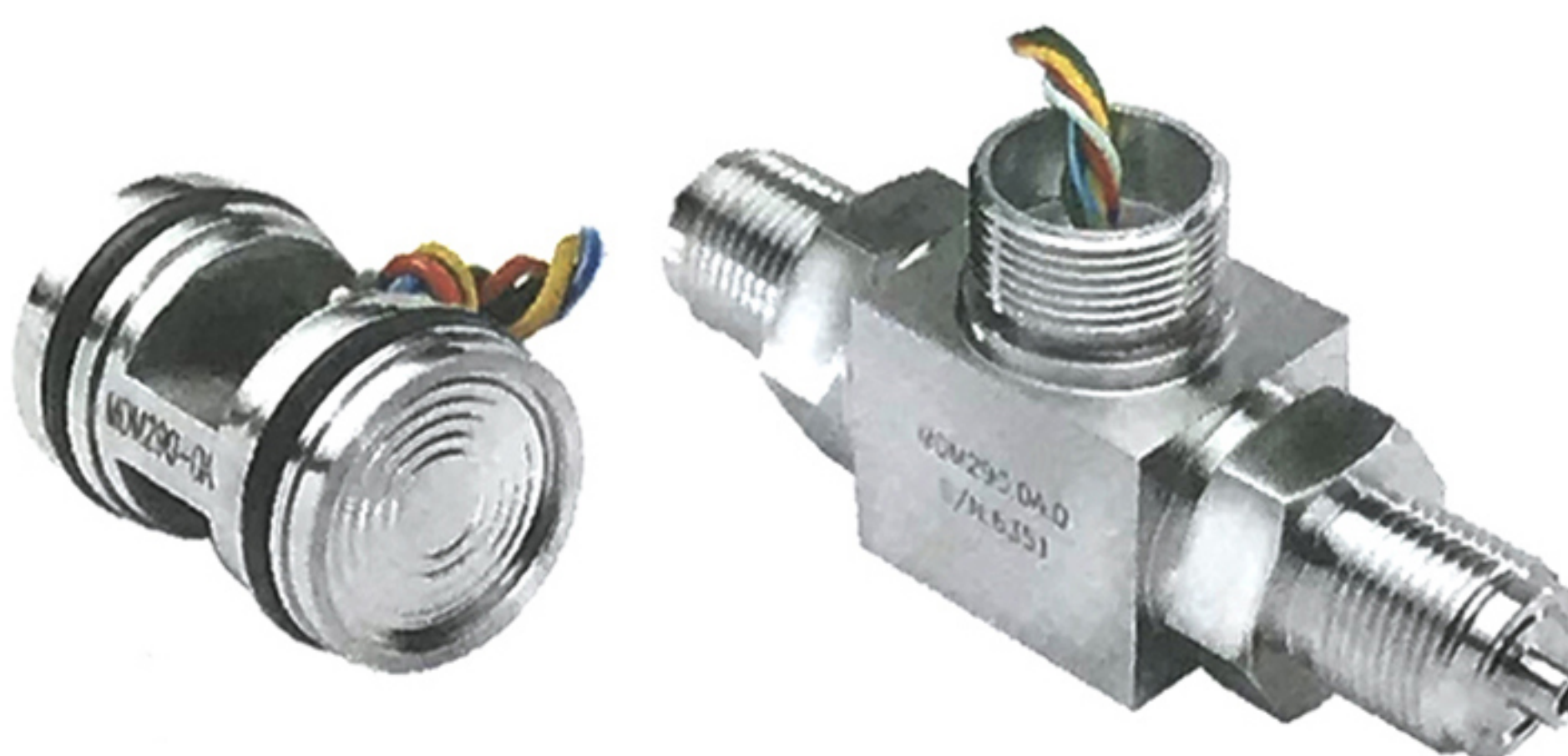
MPM270
Piezoresistive pressure sensor
Φ19×15mm High Stability and Accuracy

Pressure Range: 0kPa~100kPa...2MPa
Power Supply: ≤ 2.0mA DC
FS Output: ≥ 60mV DC
Nonlinearity:
±0.05%FS (Typ.), ±0.10%FS (Max.)
Repeatability: ±0.02%FS(Max.)
Hysteresis: ±0.02%FS (Max.)
Zero Temp. Error: ±0.2%FS (Max.)
FS Temp. Error: ±0.2%FS (Max.)
Compensated Temp.: 0°C ~ 70°C
Short-term Stability:
±20μVDC, @ 35°C, 48 hours
Long-term Stability : ±0.1%FS/year



AP201
Piezoresistive pressure sensor
Φ19×8mm, low cost

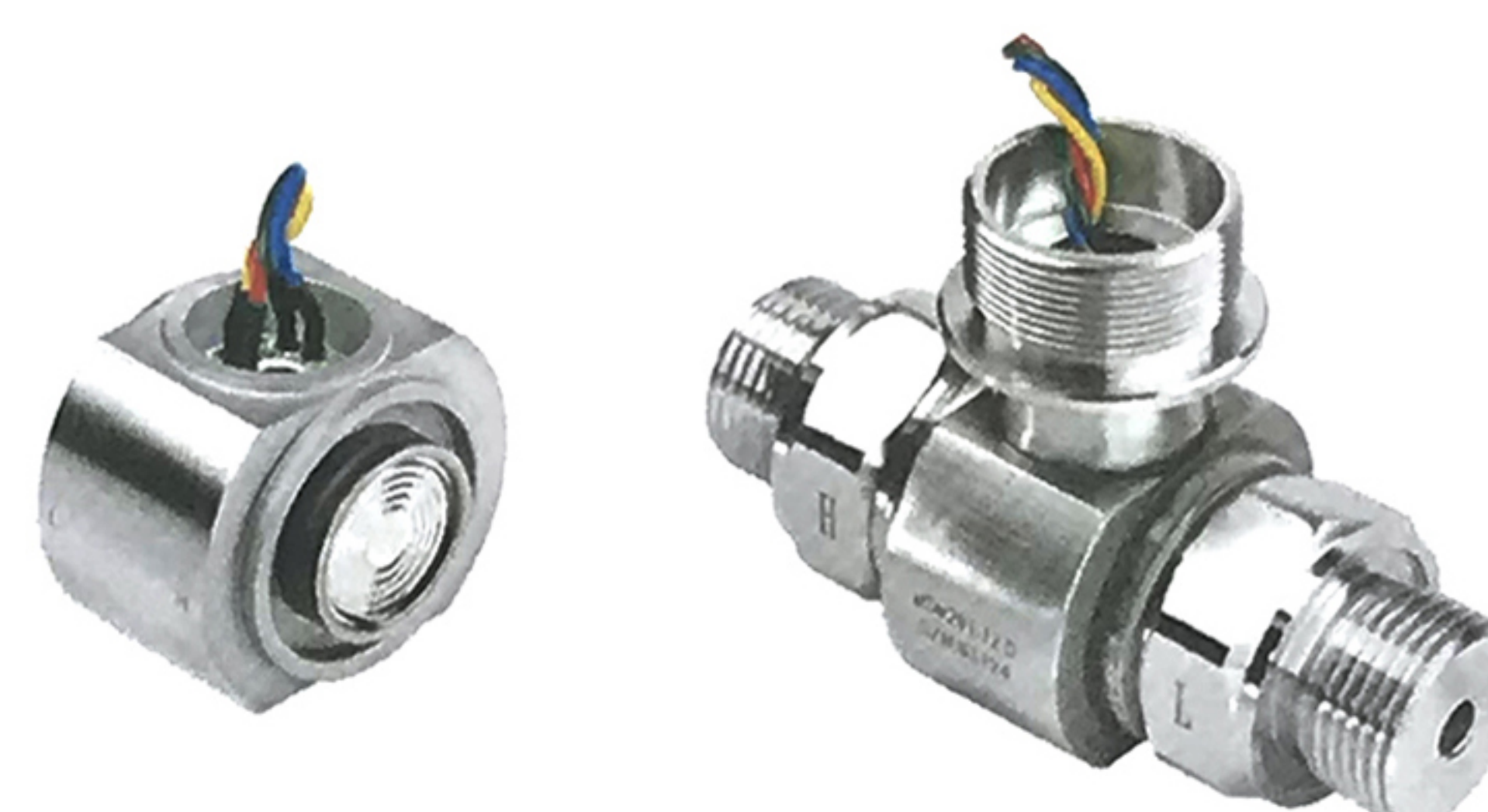
Pressure Range: 0kPa~100kPa...3.5MPa
Power Supply: ≤ 2.0mA DC; ≤ 10V DC
FS Output: ≥ 50mV DC
Nonlinearity: ±0.15%FS (Typ.), ±0.25%FS (Max.)
Repeatability: ±0.075%FS (Typ.), ±0.1%FS (Max.)
Hysteresis: ±0.075%FS (Typ.), ±0.1%FS (Max.)
Zero Temp. Error: ±1.0%FS (Max.)
FS Temp. Error: ±1.0%FS (Max.)
Compensated Temp.: 0°C ~ 70°C



MDM290
Piezoresistive differential pressure
sensor

Φ19mm

Pressure Range: 0 ~ 0.035...3.5MPa
Power Supply: ≤ 2.0mA DC; ≤ 10V DC
FS Output: ≥ 60mV DC
Nonlinearity: ±0.15%FS (Typ.), ±0.25%FS (Max.)
Repeatability:
±0.05%FS(Typ.), ±0.075%FS(Max.)
Hysteresis: ±0.05%FS (Typ.), ±0.075%FS (Max.)
Max Static Pressure: 20MPa
Zero Temp. Error:
±0.75%FS (Typ.), ±1.0%FS (Max.), @25°C
FS Temp. Error:
±0.75%FS (Typ.), ±1.0%FS (Max.), @25°C
Compensated Temp.: 0°C ~ 50°C



MDM291
Integrated full welding differential
pressure sensor

Pressure Range: 0 ~ 0.035...2MPa
Power Supply: ≤ 2.0mA DC; ≤ 10V DC
FS Output: ≥ 70mV DC
Nonlinearity: ±0.20%FS(Typ.), ±0.25%FS(Max.)
Repeatability:
±0.05%FS(Typ.), ±0.075%FS(Max.)
Hysteresis: ±0.05%FS(Typ.), ±0.075%FS(Max.)
Long Term Stability:
±0.3%FS/year(Typ.)±0.5%FS/year(Max.)
Max Static Pressure: 20MPa
Zero Temp. Error: ±0.5%FS(Typ.),±0.75%FS(Max.),
±1.0%FS(Max.)@35°C (0~35kPa)
FS Temp. Error: ±0.5%FS(Typ.), ±0.75%FS(Max.)
±1.0%FS(Max.)@35°C (0~35kPa)
Compensated Temp.: 0°C ~ 70°C
Pressure connection could be customized