AGREM TECHNOSOL

MINIATURE PRESSURE TRANSDUCER

MODEL AGT MINIATURE SERIES

PRODUCT OVERVIEW

- The **Model AGT 200** Pressure transducer is a miniature design that provides reliable measurement where space & weight are a concern. The corrosion resistant construction & compact design can handle the toughest of environments. (ø is 12mm)

- **Model AGT 9050** is designed for small spaces where flush mount design and fast response time is required. Designed for harsh environments where sensors with any cavity cannot be used. Optional in-line amplifier for added outputs. (ø is 22mm)

- **Model AGT 900** is specifically designed for extremely small spaces where light weight and space are required. Ideal for wind tunnels, crash testing, and pressure scanners. Optional in-line amplifier for added outputs.(ø is 15mm)

- The **Model MP-1.20** is **Ultra Miniature** pressure sensor with an Outer diameter of 1.2 mm and it ranges from 18 to 100 PSI and it is Absolute pressure sensor with a wide temperature range up to 185 °C and the output is mV and Customized solution possible and Amplification can be done for a special request.

- The **Model MP-1.55** is **Ultra Miniature** pressure sensor with an Outer diameter of 1.55 mm and it ranges from 18 to 100 PSI and it is Absolute pressure sensor with a wide temperature range up to 185 °C and the output is mV and Customized solution possible and Amplification can be done for a special request.

- The **Model MP-3.8** is **Miniature** High pressure sensor with an Outer diameter of 3.8 mm and it ranges from 5 to 3000 PSI and it is Absolute pressure sensor with a wide temperature range up to 185 °C and the output is mV and Customized solution possible and Amplification can be done for a special request.

APPLICATIONS

- Robotics & Automation
- Satellites, rockets and military vehicles
- Extreme Temperature
- Commercial and defence satellites Launch vehicles
- Unmanned aerial vehicles
- Military and civilian aircraft
- Ground support and engine test stands
- Aerodynamic testing (Wind tunnel)

BENEFITS

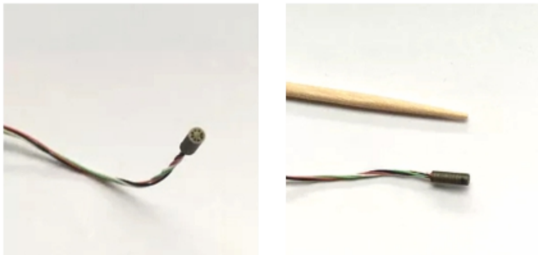
- Ultra small size
- Compact and Light Weight
- Low Static and Thermal Errors
- High Strength Stainless Steel Construction

Model AGT 200
Miniature Pressure
Transducer

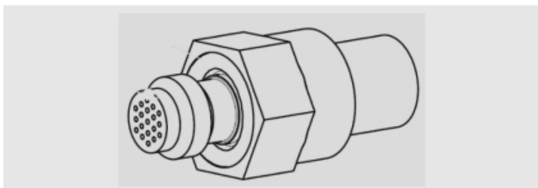
Model AGT 9050
Miniature Un-Amplified
Flush Mount
Pressure Sensor

Model AGT 900
Ultra Miniature
High Output
Un-Amplified Sensor

Model MP-1.20 Ultra Miniature Pressure Sensor for Harsh Environment High Temperature



Model MP-1.55 Ultra Miniature Pressure Sensor for Harsh Environment High Temperature



Model MP-3.8 Miniature Very High Pressure Sensor

ORDERING INFORMATION

AGT	XX	T	U	R	A	C	E	O	M	000

AGT 200
AGT 900
AGT 9050
MP-1.20
MP-1.55
MP-3.8

TYPE
G=Gauge
A=Absolute
O=Sealed Gauge

UNIT
B=BAR
P=PSI

RANGE
See Pressure Code Chart, Always 5 Digits

ACCURACY
Y=0.5% Std.
X=0.1% & 0.25% (Check Options)

PROCESS CONNECTION
B= 10-32 UNF-2A
X= Customization (Check Options)

ELECTRICAL
Q= 1m Cable
X= Customization (Check Options)

OUTPUT
K= 3mv/V (Non-Amplified)
L= 5mv/V (10mv/V & Non-Standard Outputs Available)
X= Customization (Check Options)

WETTED MATERIAL
0=316L
X= Customization (Check Options)

OPTIONS
000=No Options
001=Custom Options(See Factory)

PRESSURE CHART

S. NO	9050				200				900		MP1.2 & MP155		MP 3.8	
	PSI	PC	BAR	PC	PSI	PC	BAR	PC	PSI	PC	PSI	BAR	PSI	BAR
1	0-300	00300	0-20	00020	0-100	00100	0-7	00007	2	00002	0-30	0-2	0-30	0-2
2	0-2000	02000	0-500	00500	0-2500	02500	0-200	00200	50	00050	0-60	0-4	0-100	0-7
3	0-20000	20000	0-1300	01300	0-5000	05000	0-345	00345	500	00500	0-100	0-7	0-3000	207

Note

- Combined Sensor Option for Pressure + Temperature.
- Contact for Additional Options
- Configurations Shown are Standard