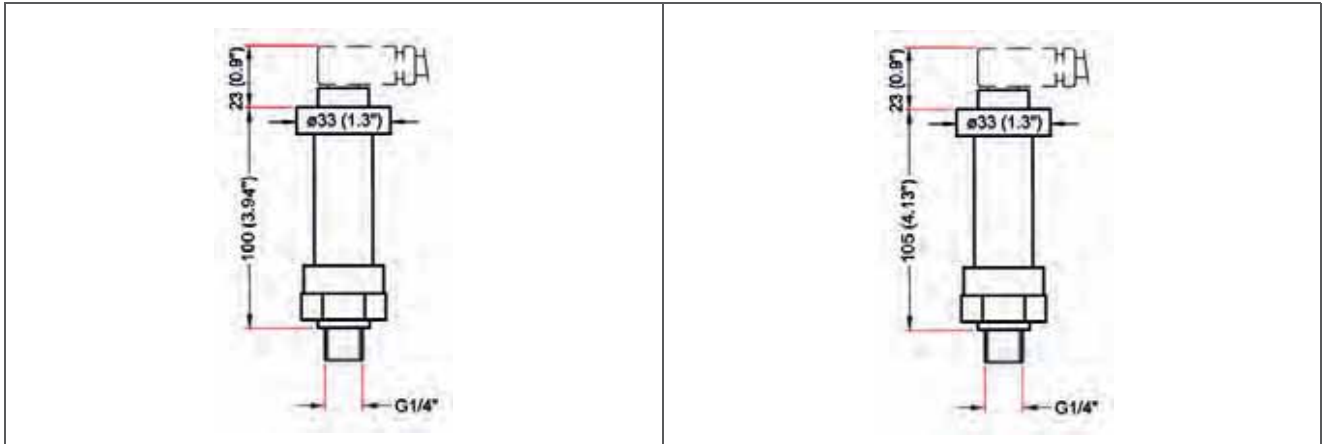


Piezo transmitters APR ($1 \cdot 10^{-1}$ - 55000 hPa)



- Pressure measurement independent of type of gas
- Corrosion-resistant
- Maximum pressure applies to inert gases and temperatures of less than 55 °C

Dimensions (in mm)



APR 262, G1/4"
 APR 265, G1/4"
 APR 266, G1/4"

APR 267, G1/4"

Technical data	APR 262, G1/4", 2200 hPa	APR 265, G1/4", 5500 hPa	APR 266, G1/4", 11000 hPa	APR 267, G1/4", 55000 hPa
Flange (in)	G 1/4"	G 1/4"	G 1/4"	G 1/4"
Output signal: Sensor error below	≤ 0.4 V	≤ 0.4 V	≤ 0.4 V	≤ 0.4 V
Output signal: Pressure range	1.0 - 9.8 V	1.0 - 9.8 V	1.0 - 9.8 V	1.0 - 9.8 V
Output signal: Minimum load	10 kΩ	10 kΩ	10 kΩ	10 kΩ
Bakeout temperature	80 °C	80 °C	80 °C	80 °C
Pressure max.	400 kPa	750 kPa	1500 kPa	7500 kPa
Stability of sensitivity	≤ 0.2 %/year	0.2 %/year	0.2 %/year	≤ 0.2 %/year
Accuracy	2 % F.S.	2 % F.S.	2 % F.S.	2 % F.S.
Weight	120 g	120 g	120 g	120 g
Linearity and hysteresis	≤ 0.5 % F.S.	0.5 % F.S.	0.5 % F.S.	≤ 0.5 % F.S.
Measurement range max.	2200 hPa	5500 hPa	11000 hPa	55000 hPa
Measurement range min.	2 · 10 ⁻¹ hPa	0.5 hPa	1 hPa	5 hPa
Sensor cable length	50 m	50 m	50 m	50 m
Zero stability	≤ 0.5 % F.S./year	0.5 % F.S./year	0.5 % F.S./year	≤ 0.5 % F.S./year
Protection category	IP 65	IP 65	IP 65	IP 65
Temperature: Operating	10-80 °C	10-80 °C	10-80 °C	10-80 °C
Temperature: Storage	-40-+80 °C	-40-+70 °C	-40-+80 °C	-40-+80 °C
Thermal sensitivity drift	≤ 0.5 %	0.5 %	0.5 %	≤ 0.5 %
Thermal zero drift	≤ 0.5 % F.S.	0.5 % F.S.	0.5 % F.S.	≤ 0.5 % F.S.
Supply: Voltage	13-30 V DC	13-30 V DC	13-30 V DC	13-30 V DC
Supply: Power consumption max.	≤ 0.2 W	≤ 0.2 W	0.2 W	≤ 0.2 W
Volume	0.5 cm ³	0.5 cm ³	0.5 cm ³	0.5 cm ³
Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel

Order number				
Piezo Gauges APR 262/265/266/267 (2 · 10 ⁻¹ - 55000 hPa)	P 5215 120 TF	P 5215 126 TF	P 5215 132 TF	P5 215 138 TF

Accessories				
Sensor cable, 3 m	PT 448 250 -T	PT 448 250 -T	PT 448 250 -T	PT 448 250 -T
Mating connector	B 4707 283 MA	B 4707 283 MA	B 4707 283 MA	B 4707 283 MA