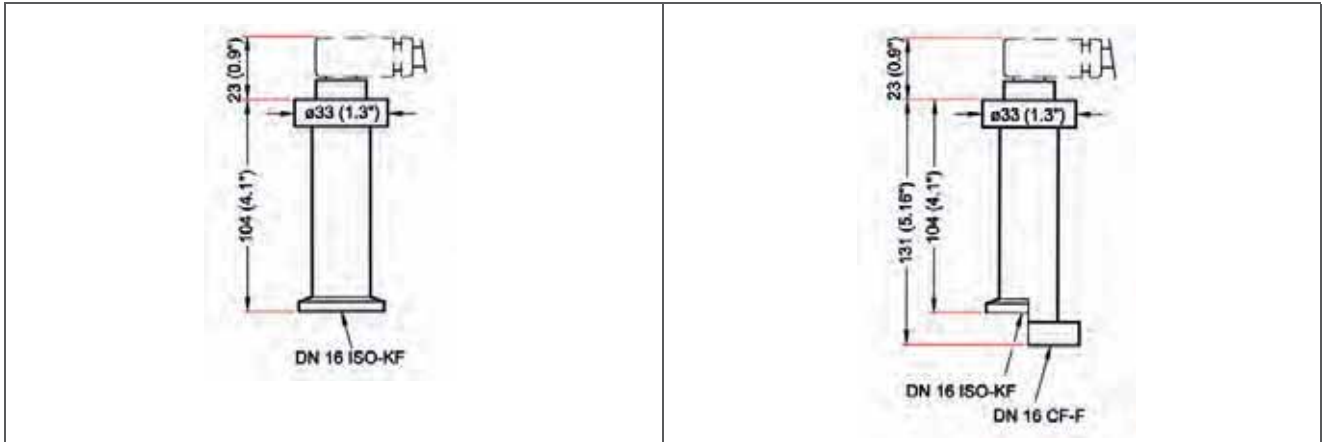


### Piezo transmitters APR ( $1 \cdot 10^{-1}$ - 55000 hPa)



- Measurement range from 0.1 hPa to 1100 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 250, DN 16 ISO-KF

APR 260, DN 16 ISO-KF

Technical data	APR 250, DN 16 ISO-KF, 2 % F.S.	APR 260, DN 16 ISO-KF, 1 % F.S.	APR 260, DN 16 CF-F, 1 % F.S.
Flange (in)	DN 16 ISO-KF	DN 16 ISO-KF	DN 16 CF-F
Output signal: Sensor error below	≤ 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
Output signal: Minimum load	10 kΩ	10 kΩ	10 kΩ
Bakeout temperature	80 °C	80 °C	80 °C
Pressure max.	300 kPa	300 kPa	300 kPa
Stability of sensitivity	≤ 0.5 %/year	≤ 0.2 %/year	≤ 0.2 %/year
Accuracy	2 % F.S.	1 % F.S.	1 % F.S.
Weight	120 g	120 g	150 g
Linearity and hysteresis	≤ 0.5 % F.S.	≤ 0.2 % F.S.	≤ 0.2 % F.S.
Measurement range max.	1100 hPa	1100 hPa	1100 hPa
Measurement range min.	1 · 10 <sup>-1</sup> hPa	1 · 10 <sup>-1</sup> hPa	1 · 10 <sup>-1</sup> hPa
Sensor cable length	50 m	50 m	50 m
Zero stability	≤ 0.5 % F.S./year	≤ 0.3 % F.S./year	≤ 0.3 % F.S./year
Protection category	IP 65	IP 65	
Temperature: Operating	10-80 °C	10-80 °C	10-80 °C
Temperature: Storage	-40-+80 °C	-40-+80 °C	-40-+80 °C
Thermal sensitivity drift	≤ 0.5 %	≤ 0.5 %	≤ 0.5 %
Thermal zero drift	≤ 0.5 % F.S.	≤ 0.2 % F.S.	≤ 0.2 % F.S.
Supply: Voltage	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
Volume	2 cm <sup>3</sup>	2 cm <sup>3</sup>	6 cm <sup>3</sup>
Material	Stainless steel	Stainless steel	Stainless steel

Order number			
Piezo Gauges APR 250/260 (1 · 10 <sup>-1</sup> - 1100 hPa)	P 5215 102 TF	P 5215 112 TF	P 5215 114 TF

Accessories			
Sensor cable, 3 m	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