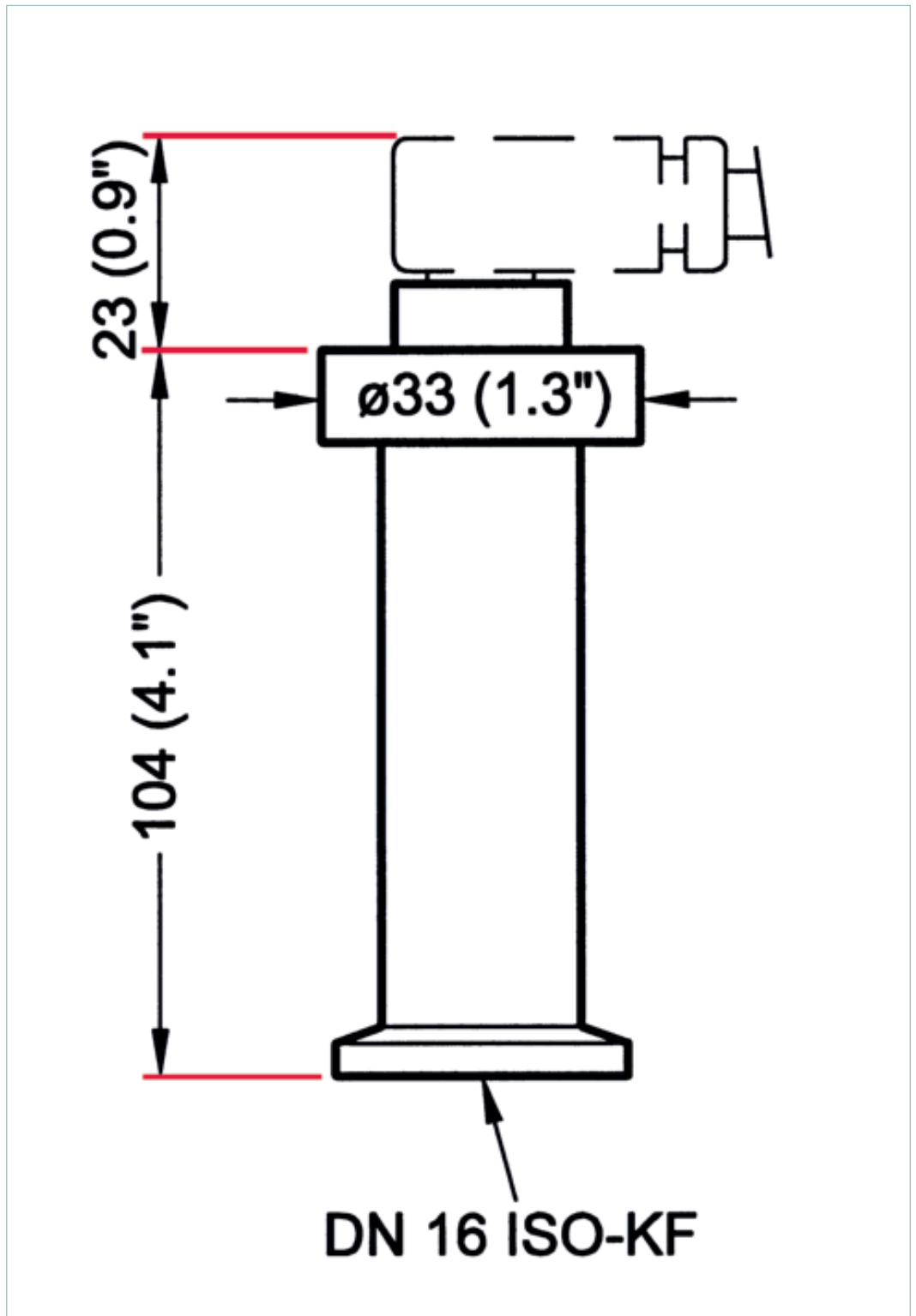


APR 250, DN 16 ISO-KF, 2 % F.S.

APR 250, DN 16 ISO-KF, 2 % F.S.

- Flange size: DN 16 ISO-KF
- Measurement range from 0.1 hPa to 1100 hPa
- Maximum pressure applies to inert gases and temperatures of less than 55 °C

Dimensions



Similar Image

Technical Data	APR 250, DN 16 ISO-KF, 2 % F.S.
Accuracy (Full Scale)	2 %
Bakeout temperature	80 °C
Full scale	1,000 hPa 750 Torr 1,000 mbar
Linearity and hysteresis (Full Scale)	≤ 0.5 %
Material	Stainless Steel
Measurement range C	$1 \cdot 10^{-1} - 1.1 \cdot 10^3$ hPa
Measurement range max.	$1.1 \cdot 10^3$ hPa $8.25 \cdot 10^2$ Torr $1.1 \cdot 10^3$ mbar
Measurement range min.	$1 \cdot 10^{-1}$ hPa $7.5 \cdot 10^{-2}$ Torr $1 \cdot 10^{-1}$ mbar
Method of measurement	Piezo
Nominal diameter	DN 16 ISO-KF
Output signal: Measurement range	1 – 9.8 V
Output signal: Minimum load	10 kΩ
Pressure max.	3,000 hPa 2,250 Torr 3,000 mbar
Protection category	IP65
Sensor cable length	50 m
Sensor cable length max.	50 m
Stability of sensitivity (Year)	≤ 0.5 %
Supply: Power consumption max.	≤ 0.2 W
Supply: Voltage V DC	13 – 30 V DC
Temperature: Operating	10-80 °C 50-176 °F 283-353 K
Temperature: Storage	-40-80 °C -40-176 °F 233-353 K
Thermal sensitivity drift	≤ 0.5 %
Thermal zero drift (Full Scale)	≤ 0.5 %
Volume	2 cm³
Weight	120 g
Zero stability (Full Scale Year)	0.5 %

Order number	
APR 250	P 5215 102 TF

Accessories	
Adapters (electrical) Adapter Measurement	
Mating connector	B 4707 283 MA
Cables Measurement cables	
Sensor cable, 3 m	PT 448 250 -T
Protection Inlet filters	
Centering ring with protection filter, pore size 20 µm, FPM/stainless steel	PF 117 216 -T
Centering ring with metal mesh-fine filter, pore size 4 µm, FPM/stainless steel	PT 120 132 -T

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