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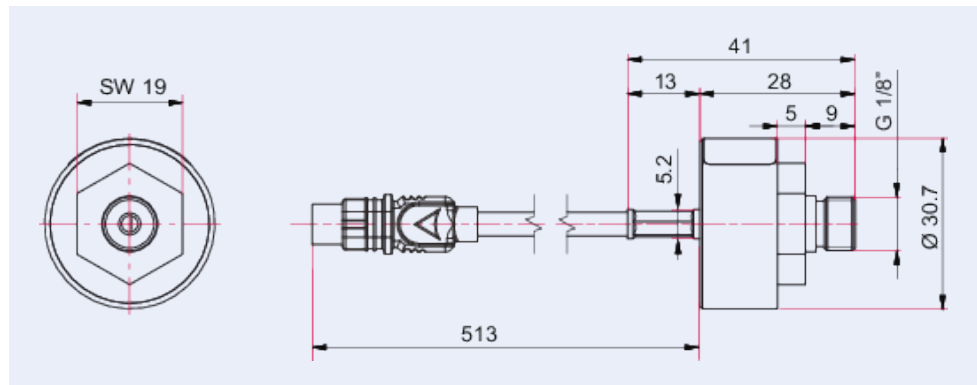


Illustration only

RPT 010, digital Piezo/Pirani sensor, 5 V DC ($\pm 5\%$)

- Stable, coarse vacuum measurement independent of gas type
- Compact dimensions
- Direct installation on scroll pump, no additional power supply
- No additional measurement cable required
- Display range: $1 \cdot 10^{-4}$ – 1200 hPa
- This accessory do not have ATEX certification

Dimensions



Technical Data	RPT 010, digital Piezo/Pirani sensor, 5 V DC (±5%)
Measuring range	$5 \cdot 10^{-4} - 1.2 \cdot 10^3$ hPa
Materials in contact with media	Ceramic Stainless steel Tungsten Nickel Silicon oxide Glass Araldite Solder
Measurement cable length min.	0.5 m
Supply: Power consumption max.	0.25 W
Interface: Connection, device side	Cable with (micro USB plug)
Ambient temperature	5 – 60 °C
Mounting orientation	Arbitrary
Temperature: Storage, max	70 °C
Temperature: Storage, min	-40 °C
Certification	CE cTUVus certified according to UL / CSA 61010-1
Accuracy of measurement in range 1	50 % ($5 \cdot 10^{-4}$ hPa – $1 \cdot 10^{-3}$ hPa)
Accuracy of measurement in range 2	15 % ($1 \cdot 10^{-3}$ hPa – $1 \cdot 10^2$ hPa)
Accuracy of measurement in range 3	1.25 % (full scale) ($1 \cdot 10^2$ hPa – $1.2 \cdot 10^3$ hPa)
Measuring method	Piezo Pirani
Input voltage(s)	5 V DC (±5 %)
Volume	0.4 cm ³
Pressure max.	$2 \cdot 10^3$ hPa $1.5 \cdot 10^3$ Torr $2 \cdot 10^3$ mbar
Weight	90 g
Ambient pressure	790 – 1060 hPa
Pressure max.	2,000 hPa
Measuring cycle	100 ms
Power consumption	0.25 W
Power consumption max.	0.25 W
Usage	Only in indoor areas
Electrical connection	B industry (micro)
Weight	90 g
Connection flange (in)	G 1/8"
Repeatability in range 1	3 % ($1 \cdot 10^{-3}$ hPa – $1 \cdot 10^2$ hPa)
Repeatability in range 2	3 % (full scale) ($1 \cdot 10^1$ hPa – 1200 hPa)

Order number	RPT 010, digital Piezo/Pirani sensor, 5 V DC (±5%)
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Errors and/or changes excepted. - 2/20/2025

Are you looking for an optimum vacuum solution?

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