

Vacuum sensor VSK 3000

[Link to the website](#)



Product description

Performance features

Ordering data

Product name	Nominal mains voltage mains frequency	Plug type	Articleno.
VSK 3000	VACUU·BUS DC	VACUU·BUS®	20640530

Items supplied

Vacuum sensor complete with 2 m VACUU·BUS® - cable, kit nozzle DN 6/10 mm

Accessories

Technical data

Measuring range (mbar)	1080 - 0.1 mbar
Measuring range (torr)	810 - 0.1 torr
Measurement principle	Ceramic diaphragm (alumina), capacitive, gas indep., absolute pressure
Accuracy of measurement	< +/- 1 mbar/hPa/torr / +/- 1 digit (after adjustment, constant temp.)
Temperature coefficient	< 0.07 mbar/hPa/0.05 torr /K
Vacuum sensor connection	Small flange KF DN 16, PTFE tubing connection 10/8 mm, hose nozzle DN 6/10 mm
Permissible ambient temperature range (operation)	10 - 40 °C
Permissible ambient temperature range (storage)	-10 - 60 °C
Max. media temperature (continuous operation)	40 °C
Max. media temperature for short times	80 °C
Material of outer housing	Robust plastic housing with good chemical resistance
Protection class IEC 60529	IP 54
Protection class UL50E	Type 5
Weight	0.18 kg
Cable length connection	2 m
ATEX conformity	II 3/- G Ex h IIC T3 Gc X Internal Atm. only
NRTL certification	Yes
Interface	VACUU-BUS

Dimension sheet



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VACUUBRAND®

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With highly motivated and qualified employees, we manufacture the world's most comprehensive product family for vacuum generation, measurement and control for the rough and fine vacuum range in the laboratory.

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Engineering excellence is central to our ability to deliver products and solutions renowned for their quality, durability, and reliability. Innovative technology, high quality materials and extensive testing deliver unmatched performance - engineered and manufactured in Germany.

Together with you, our experts will find the best solution for your application and provide you with first-class service along the way.

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