VACUUBRAND®

Vacuum sensor VSK 3000



Link to the website

Product description

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

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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

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Dimension sheet



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VACUUBRAND

VACUUBRAND is part of the Brand group, a manufacturer of high-quality and innovative laboratory equipment and vacuum technology with a global team of approx. 1,000 employees.

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.

All with one goal:
Enabling our customers to run reliable, safe and efficient processes. This is why we commit ourselves to continuous innovation, first-class performance, and outstanding quality.

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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