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19C100PV2K

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Overview

19 mm Series Heavy Duty Pressure Transducer, compensated, 0 psi to 100 psi, vacuum gage, flush mount, 10 Vdc excitation.

Honeywell's stainless steel 19C, 19U, and 19 Vacuum
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Technical Specifications

Signal Conditioning	Unamplified	Temperature Compensation	Yes
Proof Pressure	300 psi	Pressure Range	0 psi to 100 psi
Supply Voltage	15 Vdc	Burst Pressure	500 psi
Operating Temperature	-40 °C to 125 °C [-40 °F to 257 °F]	Compensated Temperature Range	0 °C to 82 °C [32 °F to 180 °F]
Storage Temperature	-40 °C to 125 °C [-40 °F to 257 °F]	Vibration	10 G at 20 Hz to 2000 Hz

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Documents

TITLE	DOCUMENT TYPE	LANGUAGE	SIZE
19 mm Series	Datasheet	English	616KB
Embedded Products in Hospital Applications	Brochure	English	5MB
Airflow, Force, and Pressure Sensors Range Guide	Product Range Guide	English	9MB
Sensors and Switches for Potential Medical Applications	Application Note	English	374KB

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Product Features

- Low cost
- Rugged, isolated stainless steel package - small size
- Reliable semiconductor technology
- Calibrated and temperature compensated
- Absolute and gage pressures
- Vacuum compatible, isolated sensors
- Absolute pressure
- 0 psi to 300 psi, 0 psi to 500 psi

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Applications

- Industrial controls
- Process control systems
- Industrial automation and flow control
- Pressure calibrators

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