

Signal Conditioning Series

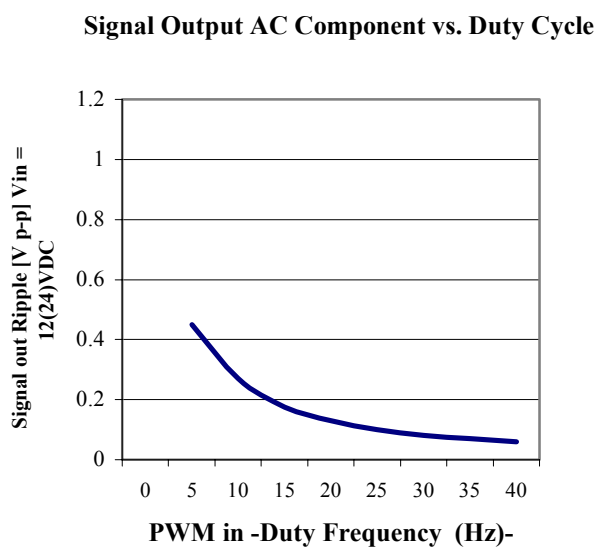
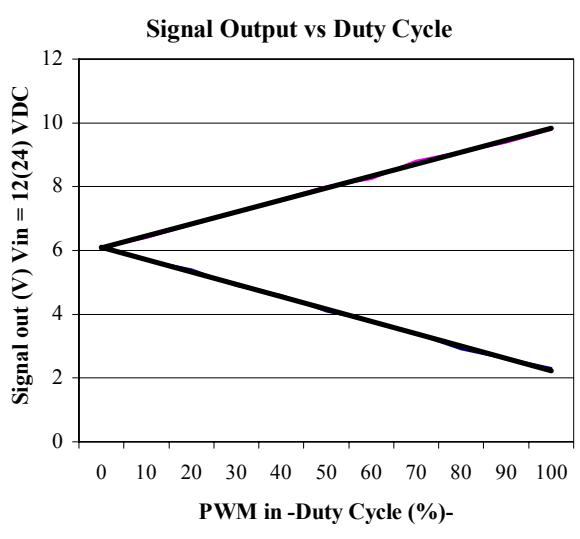
Part Number: NFP 1817 **For:** Danfoss PVG Proportional Valve – Voltage signal Type

Description:
Use when replacing a PWM type Valve with a Danfoss Proportional valve
Converts Pulse Width Modulated signal to Voltage Signal
Operates with 12 or 24 Volt systems

Specifications:

Supply Voltage (STABILIZED)	12...24 VDC
Reverse Polarity and overload protection	None
Input Signal type	Square Wave Pulse Width Modulated
Input Impedance	100kΩ
Maximum input PWM Frequency	1000+ Hz
Minimum input PWM Frequency	30Hz
Output Signal Voltage	$V_{in}/2 \pm 30\%$
Output Signal Maximum Current	20mA source or sink
Operating Ambient Temperature Range	-40 to +85 °C

Performance Charts:



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