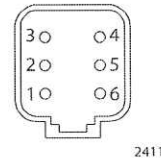


Pinout

Pinout

Pin	Connector
1	PWM_A
2	Error
3	PWM_B
4	No connection
5	Ground
6	U _{DC}

Pin location



Pin Compatibility

PLUS+1™ Module Pin Type/ PVEP Pin Compatibility

PLUS+1 Module Pin Type	Acceptable Use: Deutsch® Connector Pin Number
DOUT/PVG Pwr 1-3	6
PWMOUT/DOUT/PVGOUT 1-3	1, 3
Power ground -	5
Dig in	2

Input/ Output Matrix

PVEP Input/ Output Matrix

Duty Cycle A-Signal (Pin 1)	Duty Cycle B-Signal (Pin 2)	Function	Error Pin Output (Pin 3)
0%	0%	Neutral	Low*
<10%	0%		
0%	<10%		
≥10%	≥10%	Fault (error)	High
0%	10 to 80%	B-port flow	Low*
10 to 80%	0%	A-port flow	Low*

* If no internal faults are detected in the PVEP.

For the standard PVEP version full stroke is ±7.0 mm. An area between 86% and 100% DC is used for failure detection, duty cycle in this area is defined as a fault and the failure detection circuit will be activated.

Mating Connector

PVEP Mating Connector Parts List

Description	Quantity	Ordering Number
Connector	1	Deutsch DTO6-6S
Wedge lock	1	Deutsch W6S
Socket contact (14 and 16 AWG)	4	Deutsch 0462-201-16141