PELICAN
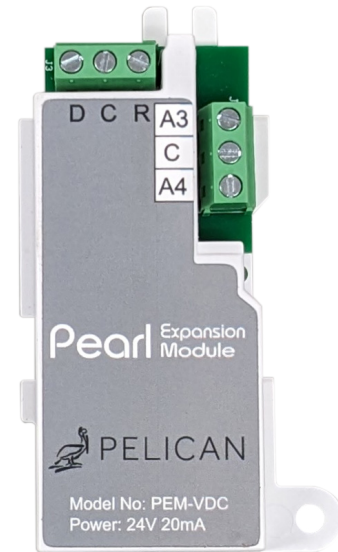
PEARL Expansion Modulate

+ PELICAN PEARL ADVANCED ROOFTOP CONTROLLER ACCESSORY
Adds two (2) additional modulating outputs to the PEARL Advanced Rooftop Controller. (Only compatible when linked to a Pelican TC Series Thermostat).

+ MODULATING COOLING MANAGEMENT
With the expansion modulate installed, the PEARL can now provide full modulating cooling management to a target discharge air temperature. The target auto-resets based on how much cooling demand the Pelican TC thermostat indicates the room has.

+ MODULATING HEATING MANAGEMENT
With the expansion modulate installed, the PEARL can now provide full modulating heating management to a target discharge air temperature. The target auto-resets based on how much heating demand the Pelican TC thermostat indicates the room has.

+ INSTALLATION AND CONFIGURATION
The PEARL and its expansion modulate only requires three standard thermostat wires between them and a Pelican TC thermostat. Compatible with industry standard unshielded thermostat wiring up to 500 feet between devices. Configuration is accomplished through the Pelican Connect™ web-app.

+ HISTORICAL DATA
All data points are tracked through the Pelican Connect™ web-app for full testing and confirmation of equipment operation. Two years of historical tracking of trend data is stored and viewable.

+ COMMON USAGE
Modulating Compressor (1-5 VDC)
Modulating Gas Burner (0-10 VDC)
Modulating Chilled Water Valve (2-10 VDC)
Modulating Hot Water Valve (2-10 VDC)
Modulating Electric SCR Heater (0-10 VDC)

Designed and assembled in the USA
5-Year Limited Warranty

Specifications

POWER	
24VAC; 20 mA	

OUTPUTS	
(A3)	0-10 VDC
(A4)	0-10 VDC
(C)	VDC COMMON

3-PIN POWER & COMMUNICATION	
(R)	24 VAC
(C)	COMMON
(D)	DATA

RANGES	
Operating Range	-20°F to 160°F
Operating Humidity (%RH)	5 to 90% RH

SIZE	
Inch	H 2.5 x W 1.25 x D 1
mm	H 63.5 x W 31.75 x D 25.4