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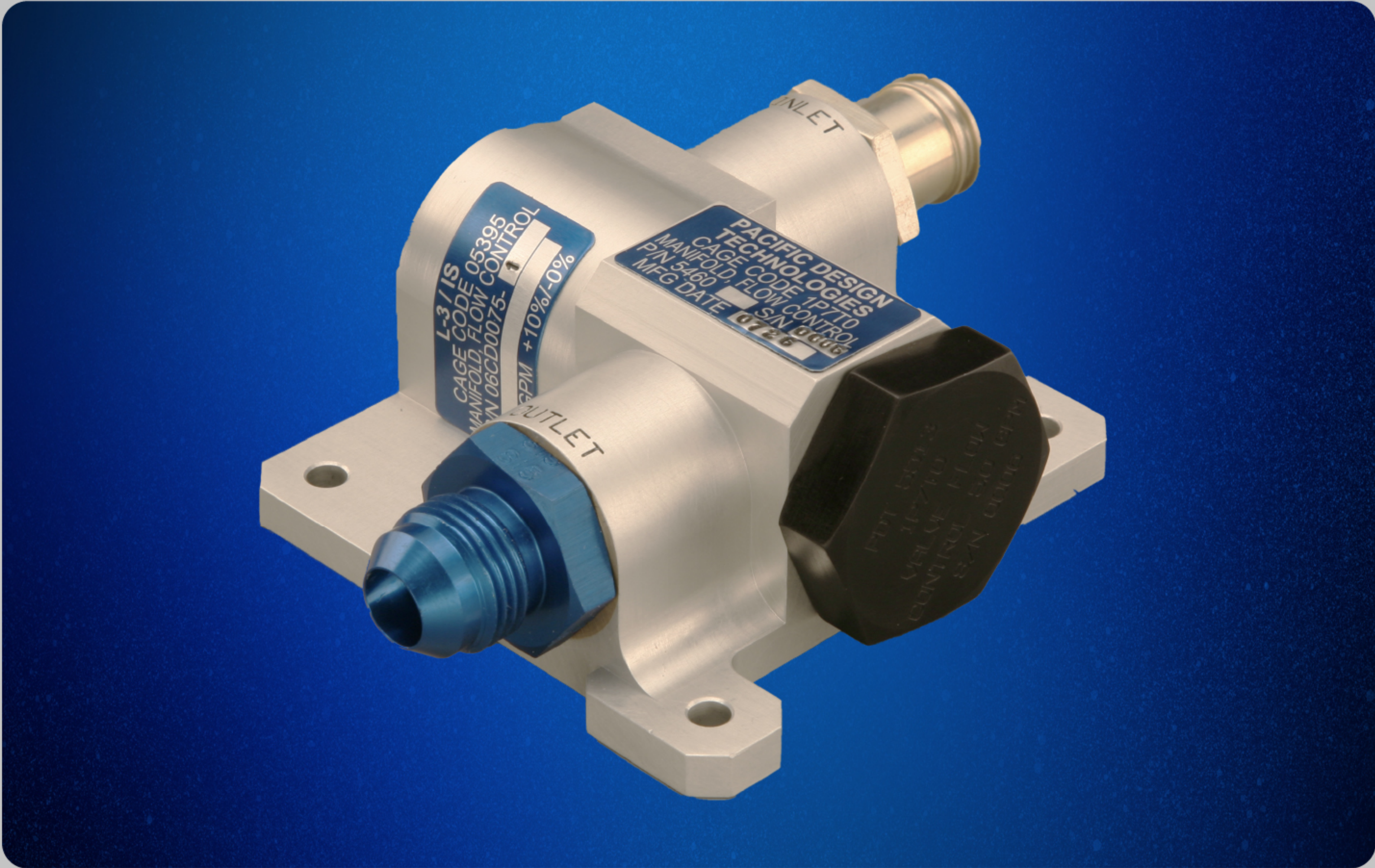
Thermal Management Solutions

Model 5460 Flow Control Manifold

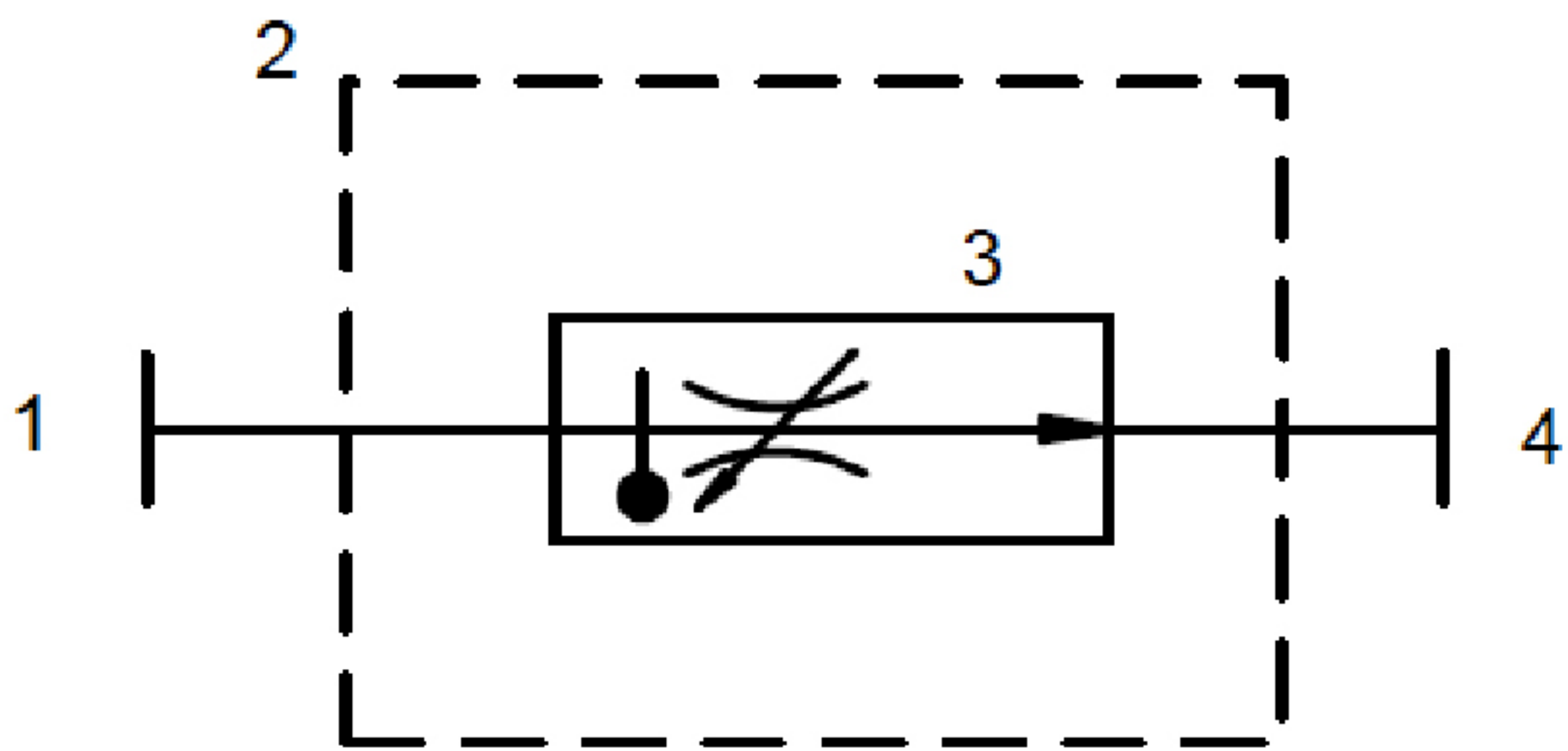
Datasheet



Flow Control Manifold
PDT Model 5460



Hydraulic Schematic



- 1. Inlet Fitting
- 2. Manifold
- 3. Flow Control Valve
- 4. Outlet Fitting

Description

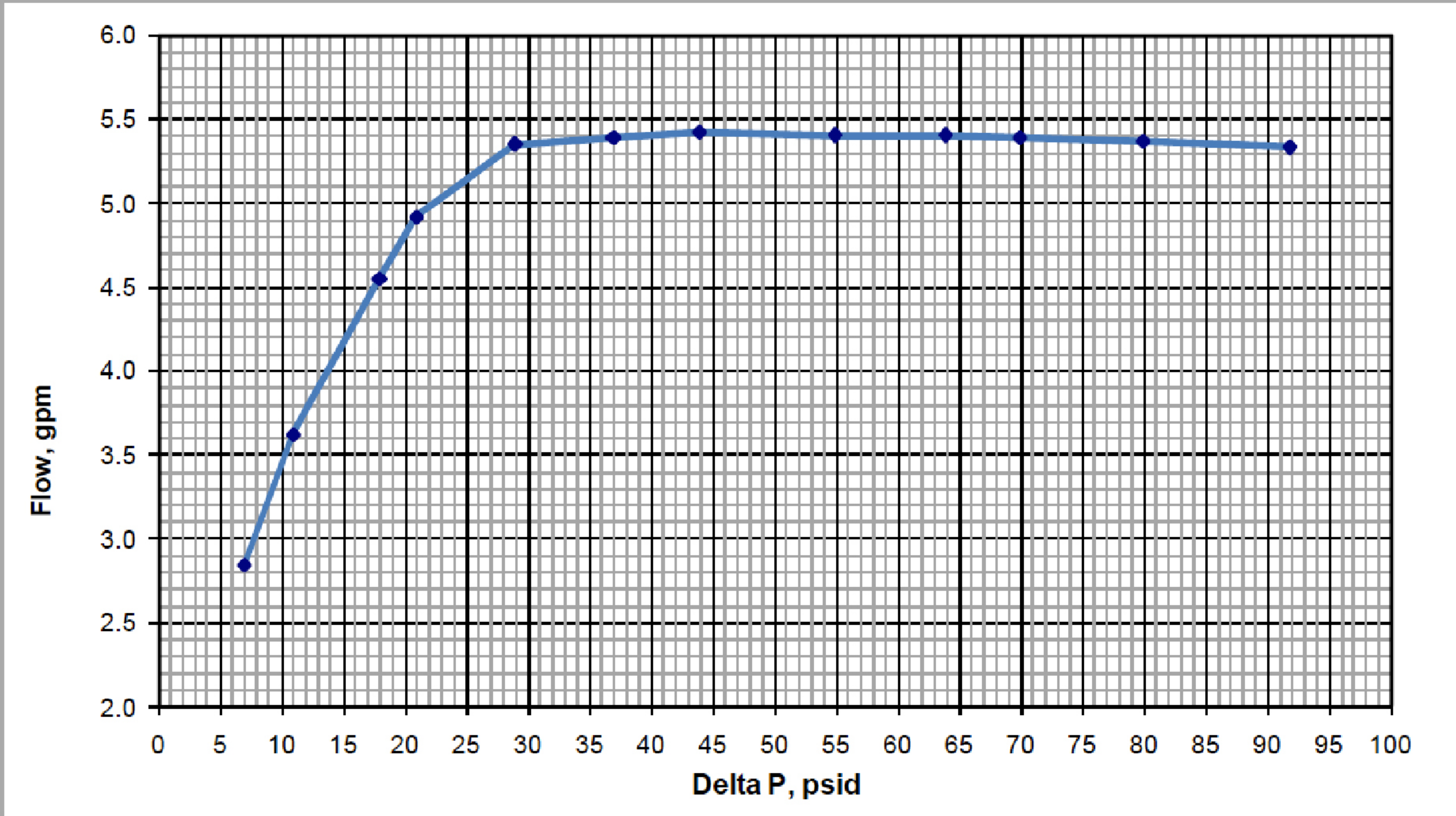
PDT Model 5460 Flow Control Valve (FVC) is a passive device used to control fluid flow in various portions of systems. The inner workings allow for flow control over wide temperature ranges as compared to a fixed orifice. The FCV is designed to withstand various MIL-STD-810 and RTCA-DO-160 conditions.

Specification
Valve Parameters

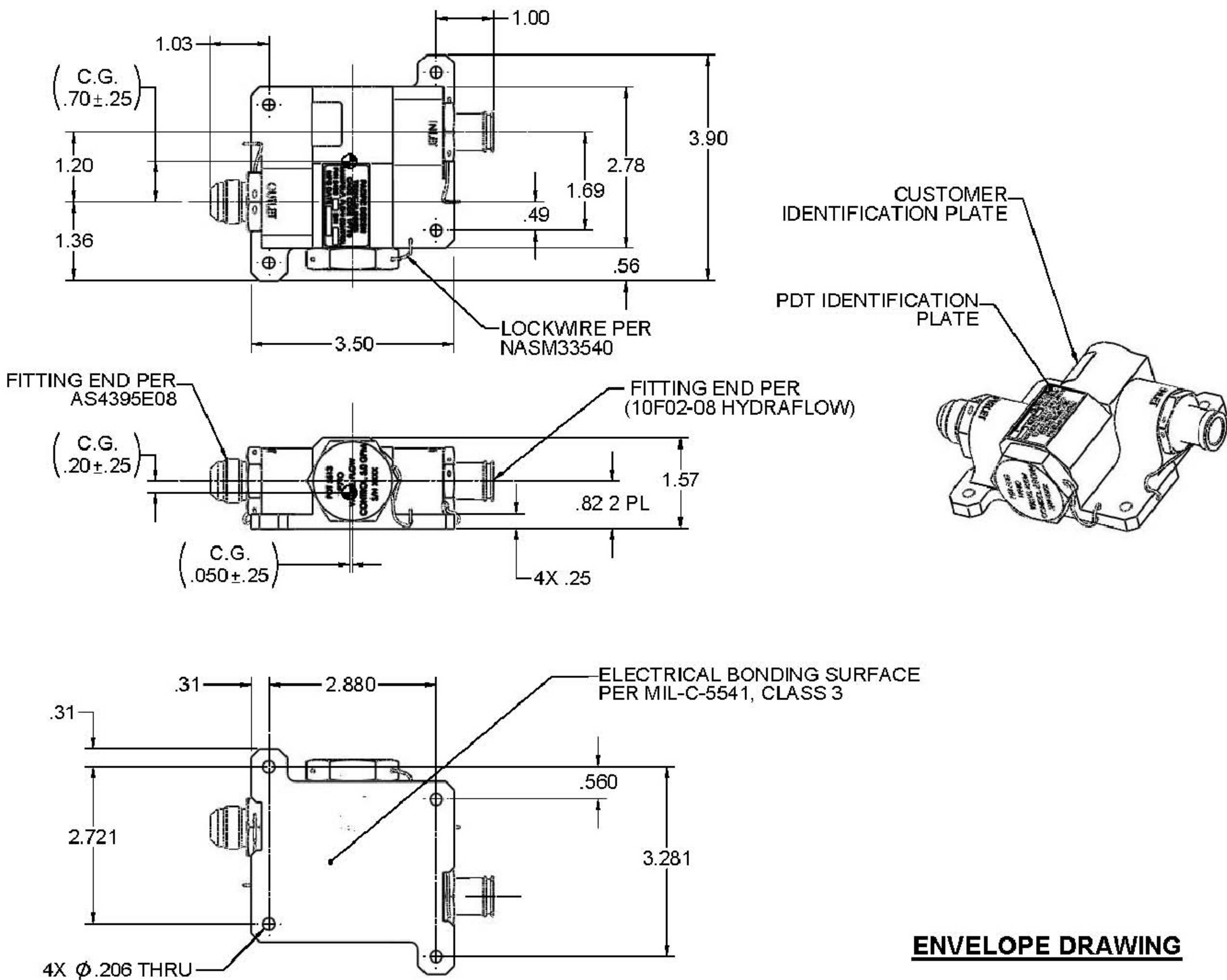
Fluid:	Polyalphaolefin (PAO) per MIL-PRF-87252
Flow:	Valve shall maintain flow rate at 5.0 gpm +20%/-0% when supplied flow is greater than 5 gpm and available pressure drop across manifold ranges from 20 psid To 70 psid
Temperature:	Operating: -55°C to +70°C Non-operating: -55°C to +85°C
Pressure:	Operating: 250 psig Proof: 375 psig Burst: 500 psig
Dry Weight:	2.0 lbs (max dry)
Finish:	Aluminum surfaces anodized per MIL-A-8625F Type II. Mounting interface finished per MIL-C-5541 Class 3
Electrical:	None

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Performance Graph



Outline
Dimensions are in inches.



ENVELOPE DRAWING



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Our people are part of our product.