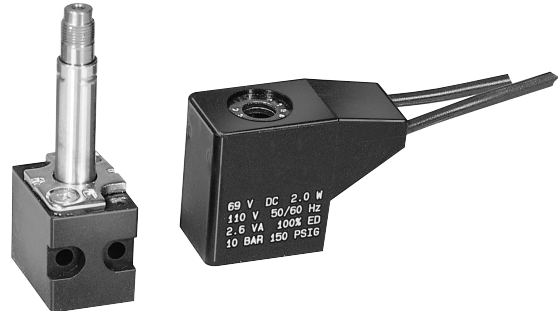


Product Specification

Aviator™ internal solenoids provide pilot air pressure for the external spool valve. They are contained in and protected by the Aviator™ explosion proof housing. Solenoids are pre-wired to a printed circuit board to simplify field connections. The tables below provide technical details for the Aviator™ pilot solenoids.



Standard 2 watt coil operators

Type	Voltage	Current (Amps) +/- 10%	
		Inrush	Holding
OA	120 - 60 Hz	0.019	0.017
OC	240 - 60Hz	0.010	0.008
OF	12 VDC	0.154	
OG	24 VDC	0.09	

Low Power 0.67 watt coil operators

Type	Voltage	Nominal Amps	Maximum Pressure
OH	12 VDC	0.055	105 psi
OJ	24 VDC	0.028	105 psi

Intrinsically-safe coil operator

Type	Voltage	Factory Mutual Research Entity Approval #OT4A6.AX			
OK	15.5 VDC nom.	Vmax = 35 V	I max = 300 mA	Ci = 0	Li = 0
		Max. Pressure: 105 psi, Max. Ambient Temp.: 104 F			

How to Order:

Each Internal Pilot Solenoid option has a meaningful character set associated with it. Referring to the Limit Switch Catalog, simply specify the character set corresponding to the desired configuration.

Example:

XVUP10A1N = Aviator™ enclosure with UltraDome™ Indicator, 2 SPDT Sabre™ Proximity Switches, 120VAC 60 Hz Internal Pilot Solenoid, 3-way Aluminum Spool Valve, Polyester Powder Coating, NAMUR shaft, and standard Thermoplastic Rain Caps.