

## Energy products

# Purge valve

C327335, C327405, C327765, C327775

Three-inch flange, 24 or 125 vdc,  
solenoid-pilot actuated (SPA)



Meggitt's three-inch sleeve style hot air purge valve is in use on many aero-derivative industrial gas turbines. With millions of field operating hours, this design continues to prove the high reliability of Meggitt technology.

### Specifications

<b>Function:</b>	Hot air (compressor bleed) purge for aero-derivative turbine engines
<b>Type:</b>	Normally closed (fail closed), solenoid-pilot actuated, two or three inch, elbow, sleeve valve, 24 or 125 VDC
<b>Physical size:</b>	7.5" wide, 25" high
<b>Weight:</b>	84 to 91 pounds
<b>Flange type:</b>	3.0" ANSI B16.5 CL 600 raised face flanges
<b>Line pressure:</b>	0 to 500 psig
<b>Actuation pressure:</b>	80 to 125 psig
<b>Fluid temperature:</b>	32 to 1100°F (bleed air)
<b>Ambient temperature:</b>	-20 to 240°F
<b>Heat soak:</b>	400°F maximum ambient, 1 to 2 hours, de-energized
<b>Performance:</b>	
<b>Flow:</b>	1.2 pounds/sec compressor bleed air
<b>Pressure drop:</b>	0.70 psid maximum at all normal operation conditions
<b>Internal leakage:</b>	0.00025 pound/minute maximum
<b>Operating time:</b>	1 second full stroke response, opening or closing
<b>Electrical:</b>	
<b>Solenoid:</b>	Continuous duty, 24 VDC nominal (18 to 30 VDC), 1.92 amperes maximum or 125 VDC (95 to 140 VDC), 0.43 ampere maximum
<b>Position indicating switch:</b>	125 VDC, 3-wire, SPDT

### Key features

- Fail-safe closed (de-energized)
- Open and closed position indicating switch circuits
- 1 second full stroke response time (opening or closing)
- Supplied with mounting kit
- Used on both DLE and SAC turbine engines
- Non incendiary design, CE-ATEX and PED certified
- All stainless steel valve and body materials for NACE compliance
- No maintenance required under normal conditions

## Meggitt Control Systems

**Our product competencies & services:**  
Aerospace valves | Thermal management solutions | Environmental control systems | Electro-mechanical products  
Ground fueling products | Energy products | Aftermarket services

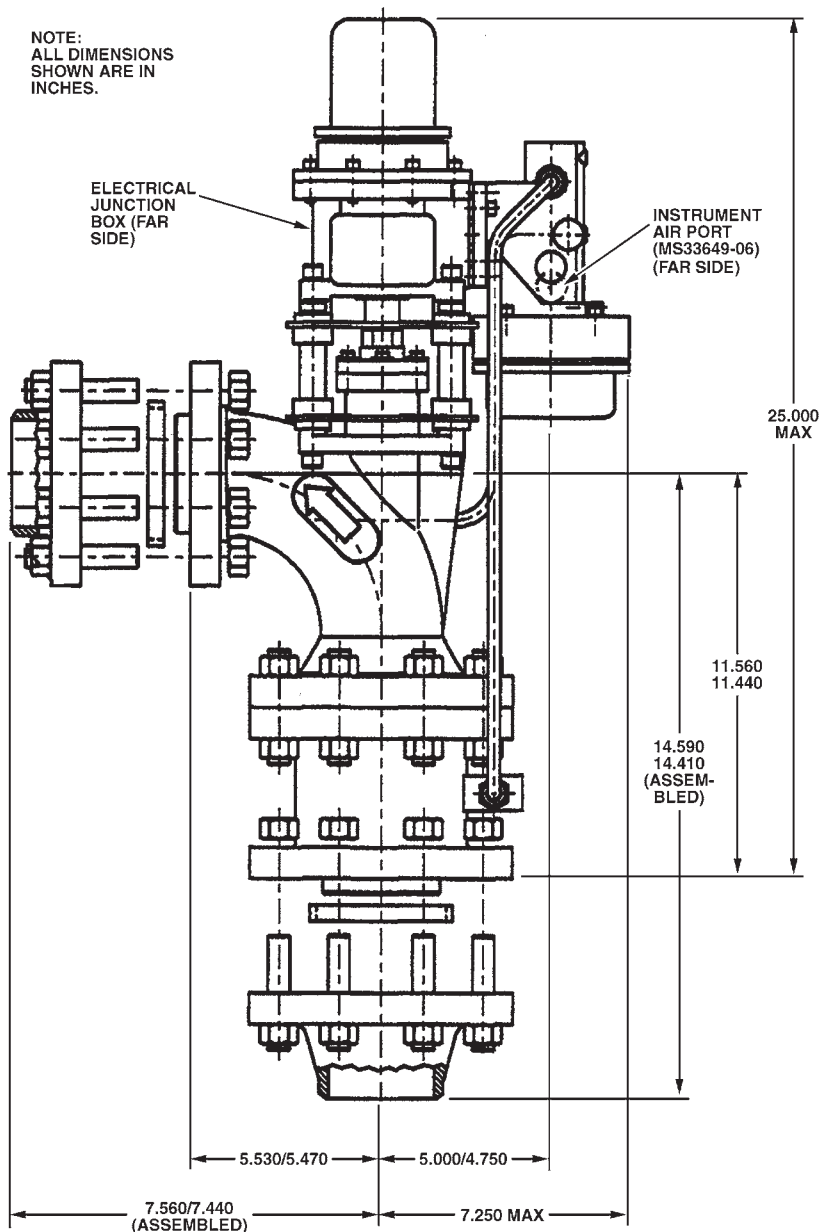
**MEGGITT**  
smart engineering for  
extreme environments

Energy products

# Purge valve

C327335, C327405, C327765, C327775

## Key dimensions



## Contact

### Meggitt Controls

12838 Saticoy St  
North Hollywood  
California 91605-3505  
USA

Telephone: (818) 765-8160  
FAX: (818) 759-2194

[www.meggitt.com](http://www.meggitt.com)

## Meggitt Control Systems

Our product competencies & services:  
Aerospace valves | Thermal management solutions | Environmental control systems | Electro-mechanical products  
Ground fueling products | Energy products | Aftermarket services

**MEGGITT**  
smart engineering for  
extreme environments