

View Online at <https://aerobasegroup.com/nsn/4810-01-285-7160>

**Flow Control Device:**

Poppet

**Flow Control Device Normal Operation Position:**

Universal

**Maximum Operating Temp:**

200.0 degrees fahrenheit single response

**Connection Style:**

Plain (tube) all ends

**Current Rating In Amps:**

7.000

**Valve Operation Method:**

Solenoid

**Connection Type:**

Unthreaded internal tube all ends

**Mounting Position:**

Horizontal

**Maximum Operating Pressure:**

75.0 pounds per square inch single response

**Voltage In Volts And Current Type:**

18.0 dc and 30.0 dc

**Center To Center Distance:**

0.970 inches

**Outside Diameter Tube Accommodated:**

0.300 inches all ends

**Special Features:**

D length 7.000 in.; width 2.500 in.; height 4.95 in.; valve is a dual-solenoid operated unidirectional fuel flow shutoff valve that fails mechanically in last electrically selected position; manual override provided; maximum wt 1.55 lbs; rated flow 390 lbs/hr or 1 gal/min; ambient temp minus 65.0 degrees f to 160 degrees f; duty cycle continuous per mil-s-4040, type 1, class a; coil temp rises to 400 degrees f with 250.0 degrees f ambient (continuous)

**Material:**

Stainless steel flow control device

**Material Specification:**

Ams5643 assn standard single material response flow control device

**Media For Which Designed:**

Fuel/oil, hydrocarbon 2nd response

**Surface Treatment:**

Anodize

**Style Designator:**

Err-090

**Supplementary Features:**

Applicable on f-16c/d block 40/60 common

**Furnished Items And Quantity:**

1 switch

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A046b0