

View Online at <https://aerobasegroup.com/nsn/4810-01-003-3513>

**End Application:**

C5a; fire protection system 7720000

**Special Features:**

Drawing name valve, isolation; operating medium gaseous nitrogen & liquid nitrogen per mil-p-27401; temp range ambient (op) -65 to +160 degrees feh; fluid (main flow passage) -320 to +160 degrees feh; pressures: opening 13.3 to 25.0 psig, working 65 psi (valve open), inlet 75 psig max(valve closed), ambient 1.0 to 15.2 psia, closing 13.3 to 20.0 psig, proof 180 psig(all ports), burst 270 psig(all ports), outlet 75 psig max(valve open 100 psig max(valve closed)); thermal relief cracking 20 outlet to inlet, full flow 25 psig max; raated flow normal 0.4235 lb/sec n2 saturated at 50 psia with 2.21 quality, thermal relief 1 scfm min at 70 degrees feh; wt 4.60 lb max; maj component parts: cover assembly 7722012-101, solenoid & plunger assembly 7722290-101 or 7722290-102, seat 7753001-1, poppet 7753003-1, diaphragm housing assembly 7722011-101, housing 7722011-1, cap assembly 7722175-101, seat assembly 7722172-101, seat 7722172-1, body assembly 7722173-101, body 7722173-1

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A21100