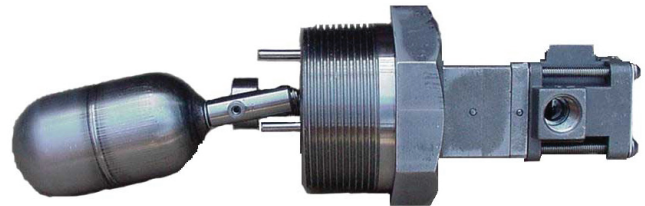


APPLICATIONS

- SCRUBBERS AND SEPARATORS
- H₂S & CO₂ SERVICE
- PROCESS VESSELS
- WATER/FUEL TANKS
- BULK LIQUID STORAGE
- RADIATOR LEVEL
- OIL SUMPS
- DAY TANKS

Stainless Steel Pneumatic Level Valve



Model LSP

FEATURES & BENEFITS

- 316 STAINLESS AUSTENITIC STEEL
- NACE MR-01-75-03 COMPLIANT
- FREE SWINGING FLOAT ARM
 - ~ No Cavities to Clog
(Eliminates "Float Stick")
- STAINLESS STEEL FLOAT
 - ~ Accommodates Both High Pressure
and Low Specific Gravity
- MAGNETICALLY ACTIVATED
 - ~ No Seals to Maintain
 - ~ Leakless Switch Actuation
 - ~ No Fugitive Emissions
- IN-SITU MAINTENANCE
- OPERATES IN A 2" PIPE EXTENSION

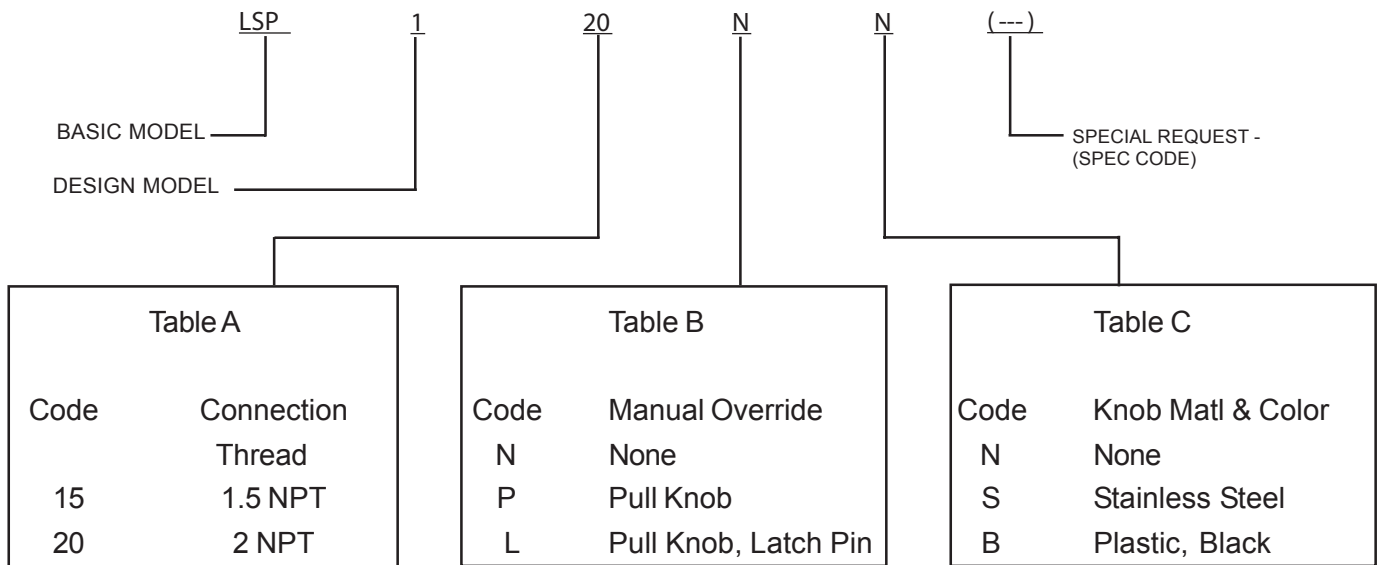
OPERATION

Operation of AMOT Model LSP Level Valve is simple and straight forward. Model LSP's float is raised and lowered by changes in liquid level. A magnet in the LSP's float arm actuates a pneumatic 3-Way valve mechanism, when the float arm passes near it.

SPECIFICATIONS

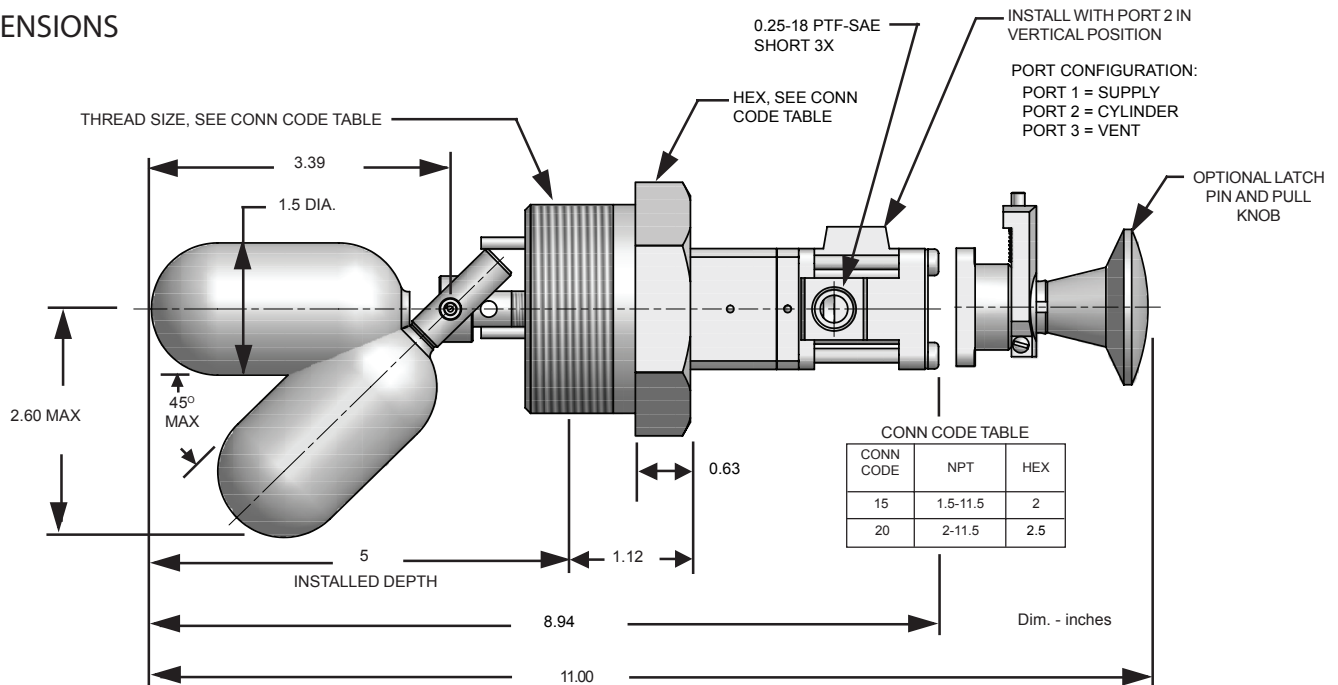
Body Material :	316 Stainless Steel
Float Material :	316 Stainless Steel
Pilot Supply Pressure:	30-70 psi
Max. Working Pressure :	2000 psi
Specific Gravity :	> 0.50
Weight :	1.5" NPT (2.9 lbs) 2" NPT (3.8 lbs)
Temperature Rating :	-40° to 250°F (-40° to 121°C)

BASIC MODELING CODE



Note: Also available in an electric version, model LSE. Please ask for form 1252.

DIMENSIONS



INSTALLATION

Model LSP can be mounted directly to the tank, vessel, etc. For direct mounting to a pressure vessel a "threadolet" coupling can be used. Mounting should always be in accordance with the applicable ASME pressure vessel code. Mount with Port 2, uppermost, in a vertical position.

MAINTENANCE

The 3-Way Valve portion of the level valve can be removed for service without removal of the level valve from the tank, vessel, etc. AMOT Service Bulletin, Form 1434 provides instructions on removal, installation and testing of the Valve Assembly.

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