

# INSTRUCTION MANUAL

## LEVEL CONTROL SWITCHES

<b>General Specifications: LINC 282 &amp; 282 SC Series Pneumatic Level Controls</b>	
<b>Output:</b>	Non-bleed, snap-acting
<b>Pressure:</b>	Working: 1,500 psi std., available to 5,000 psi, (1,500 psi maximum with the Manual Override option) Supply: 30, 60, 100 psi std. Output: 0-30, 0-60, 0-100 psi
<b>Temperature:</b>	-40°F to +450°F
<b>Specific Gravity:</b>	0.5 minimum standard , interface 0.1 differential minimum
<b>Materials:</b>	316 stainless steel standard, other austenitic metals and plastics available
<b>Flow Rate:</b>	40 SCFH at 30 psi, with 30 psi cartridge
<b>Connections:</b>	Process: 2" NPT standard, available 1 1/2" NPT, 3" flanged or larger, and externally caged Supply: 1/4" NPT Output: 1/4" NPT

### Ordering Chart:

	<b>Series:</b>	
	282	- Pneumatic level control
	282SC	- Externally caged pneumatic level control, ring bolted (available on body style "0" only)
	<b>Body Style:</b>	
	0	- Ring bolted, 1,500 psi WP standard, 3,000 psi WP available only in the 282SC Model
	1	- Standard, 2" NPT
	2	- Standard, 2" NPT with manual override
	3	- Extended <sup>1</sup> : 2" NPT, vertical displacer
	6	- Extended <sup>1</sup> : 2" NPT, vertical displacer, manual override
	7	- Extended <sup>1</sup> : 2" NPT, horizontal displacer
	8	- Extended <sup>1</sup> : 2" NPT, horizontal displacer, manual override
	<b>Type:</b>	
	1	- Standard
	2	- High pressure, 5,000 psi polypropylene displacer, temperature + 180° max, specific gravity 0.6 min.
	3	- Interface, 5,000 psi polypropylene displacer, temperature + 180° max, upper fluid less than : .870 specific gravity: lower fluid more than .970 specific gravity.
4	- Other gravities for interface , specify gravities of fluids (upper & lower)	
9	- Displacer, 5,000 psi polypropylene displacer, temperature + 180° max, specific gravity 0.5 min.	
<b>Supply Pressure:</b>		
1	- Maximum, 30 psi, flow rate at 30 psi, 40 scfh	
2	- Maximum, 60 psi, flow rate at 30 psi, 25 scfh	
3	- Maximum, 100 psi, flow rate at 30 psi, 15 scfh	
<b>Other <sup>2</sup>:</b>		
0	- None	
2	- Annulus plug	
5	- This number means special: specify your requirements. i.e. 3" flanged 150# RF	
<b>Order Number:</b>		
( )	- Factory will assign an option number based on specified requirements	

<sup>1</sup> Body styles 3, 6, 7, 8 available only on Type 9.

<sup>2</sup> If no further requirements are desired , omit "Other" option codes from the part number.

Example: 282-11-10

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**Example: LINC-282-11-15 pneumatic level control**