

## CONTROL VALVES LCV-051

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Sr#	Description	Model/Make	Qty
1	<b><u>Level Control Valves</u></b> <ul style="list-style-type: none"><li>• Flange Size: 1" 300#</li><li>• CV: 1.5 to 3.8 adjustable</li><li>• Flange to Flange Distance: 160mm</li><li>• Flange Material: SS316L</li><li>• Inlet Pressure: 30 Bar</li><li>• Pressure: 20 Bar</li><li>• Electropneumatic Positioner: 7700E</li><li>• Input Signal: 4-20 mA</li><li>• Air Pressure Regulator: Input Pressure 10 Bar</li></ul>	LCV-051 CH28000/ Varipak, Masoneilan or equivalent	2
<b>Notes:</b> <ul style="list-style-type: none"><li>a. Please refer to detailed technical specifications attached for further details.</li><li>b. Please make sure that technical literature of the offered valves is submitted with the quotation.</li></ul>			

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Technical Specifications
<b><u>Valve Specifications</u></b> <ul style="list-style-type: none"><li>• Actuator Type: Air to Open</li><li>• Body Series: 28</li><li>• Actuator Mounting Position: Standard</li><li>• Trim No. 1</li><li>• Flange to Flange Distance: 160 mm</li><li>• Maximum Cv: 3.8</li><li>• Rated Cv Range: 1.5 (minimum) to 3.8 (maximum)</li><li>• Cv: Adjustable</li><li>• Flange Size: RF, 1" 300#</li><li>• Flange Material: SS316L</li><li>• Trim Material: SS316L</li><li>• Inlet Pressure: 30 bar</li><li>• Model No. 28-281(*)02HP</li></ul>
<b><u>Electropneumatic Positioner</u></b> <ul style="list-style-type: none"><li>• Electro Pneumatic Positioner: 7700E</li><li>• Input Signal: 4-20 mA</li></ul>
<b><u>Pressure Regulator</u></b> <ul style="list-style-type: none"><li>• Inlet Pressure: 8 bar</li><li>• Regulating Pressure: 1 to 8 bar</li><li>• Pressure gauge: 0~4 bar</li></ul>
<b><u>Details &amp; Documentation Required with Quotation:</u></b> <ul style="list-style-type: none"><li>• Detailed drawing of valve body and actuator must be provided with the quotation.</li><li>• Face to Face (body width) should be mentioned in the quotation</li><li>• Air fail must be close</li><li>• Quotations submitted without technical literature will not be considered</li></ul>
<b><u>Details &amp; Documentation Required at the time of Delivery:</u></b> <ul style="list-style-type: none"><li>• All wetted parts must be compliant with NACE MR-01-03</li><li>• Technical documentation including installation and maintenance manuals in English</li><li>• Recommended maintenance schedule (Preventive Maintenance (PM), Predictive Maintenance (PDM)) in English</li><li>• Material test certificate</li><li>• Pressure test certificate of valve body at 40 bar</li><li>• Warranty certificate</li></ul>