

## Specification Sheet

Sr. #	Specifications	Quantity
1	<p><b><u>Differential Pressure Transmitter</u></b></p> <p><b>Type:</b> Piezo resistive sensor</p> <p><b>Measuring Range:</b> 0.03 bar</p> <p><b>Smallest possible span:</b> 0.3 mbar</p> <p><b>Output signal:</b> 4 – 20 mA (loop powered)</p> <p><b>Power supply:</b> 18 – 36 V DC</p> <p><b>Operating Conditions:</b></p> <p>Temperature <math>\geq</math> 50 Celsius</p> <p>Pressure: 1 bar</p> <p><b>Materials:</b></p> <p>Process connections: SS-316L</p> <p>Diaphragm: Monel-400</p> <p>Seals: PTFE</p> <p>Internal transmission fluid: Halocarbon oil</p> <p>Case: Aluminum</p> <p><b>Process Connection:</b> ½ NPT male</p> <p><b>Protection:</b> IP-66</p> <p><b>Make:</b> WIKA (DPT-10), KHRONE or Equivalent</p> <p><b>NOTE:</b> (i) Provide brochure in English along with quotation.  (ii) Instruments interface/labels, operational manuals and menu language (if included) should be in English</p>	04 Nos.

Sr. #	Specifications	Quantity
2	<p><b><u>Pressure Transmitter</u></b></p> <p><b>Type:</b> Piezo resistive sensor</p> <p><b>Measuring Range:</b> 0 – 5 bar gauge</p> <p><b>Overload safety:</b> 3 times</p> <p><b>Accuracy:</b> 0.1% of span</p> <p><b>Output signal:</b> 4 – 20 mA (loop powered)</p> <p><b>Power supply:</b> 18 – 36 V DC</p> <p><b>Operating Conditions:</b></p> <p>Temperature <math>\geq</math> 50 Celsius</p> <p>Pressure: 3 bar</p> <p><b>Materials:</b></p> <p>Process connections: SS-316L</p> <p>Diaphragm: Monel-400</p> <p>Seals: PTFE</p> <p>Internal transmission fluid: Halocarbon oil</p> <p>Case: Aluminum</p> <p><b>Process Connection:</b> ½ NPT male</p> <p><b>Protection:</b> IP-66</p> <p><b>Make:</b> WIKA, KHRONE or Equivalent</p> <p><b>NOTE:</b> (i) Provide brochure in English along with quotation.  (ii) Instruments interface/labels, operational manuals and menu language (if included) should be in English</p>	03 Nos.

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Sr. #	Specifications	Quantity
3	<p><b>Float Switch with Connection Housing</b></p> <p><b>Application:</b> Oil level control</p> <p><b>Operating Conditions:</b> Temperature = 120 Celsius Pressure = 1.0 Bar Sp. Gravity = 880 (Oil) Kg/m<sup>3</sup></p> <p><b>Materials of Wetted Parts:</b> SS-316 L</p> <p><b>Dimensions:</b> Contact Tube Length (Excluding float) = 150 mm</p> <p><b>Switching Function:</b> Change Over (SPDT) – on falling level</p> <p><b>Switching Power:</b> AC ≤ 230V, 40 VA, 1A</p> <p><b>Mounting Position:</b> Horizontal</p> <p><b>Process Connections:</b> AISI – 4" Class 150 Flange</p> <p><b>Float Material:</b> SS-316 L, Dimensions (approximate): Float length = 52mm, Diameter = 44 mm</p> <p><b>Make:</b> WIKA Model HLS-S or Equivalent</p> <p><b>NOTE:</b> (i) Provide brochure in English along with quotation. (ii) Instruments interface/labels, operational manuals and menu language (if included) should be in English</p>	10 Nos.