
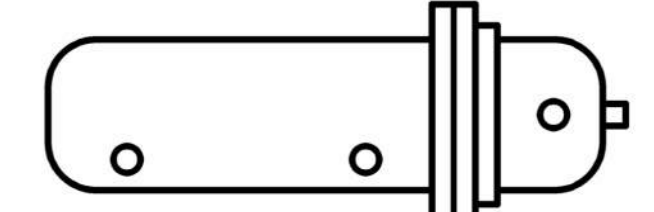


LINE TYPES	INSTRUMENT SYMBOLOGY	INSTRUMENT IDENTIFICATION LETTERS		PRIMARY ELEMENT SYMBOLOGY	MISCELLANEOUS SYMBOLOGY																																																																																																																																																																						
<p>———— MAIN PROCESS LINE</p> <p>———— SECONDARY PROCESS LINE</p> <p>———— AUXILIARY PROCESS LINE</p> <p>—CH— CHANNEL</p> <p>→ DIRECTION OF FLOW</p> <p>- - - - ANALOG SIGNAL</p> <p>- - - - DISCRETE SIGNAL</p> <p>- - - - FIELDBUS SIGNAL</p> <p>// // PNEUMATIC SIGNAL</p> <p>- - - - ELECTRICAL SIGNAL</p> <p>- L L L - HYDRAULIC SIGNAL</p> <p>- - - - SOFTWARE OR ETHERNET</p> <p>— — SIGNAL CONNECTION</p> <p>- - - - CROSSOVER - NO CONNECTION</p> <p>- - - - CAPILLARY</p> <p>==== DOUBLE CONTAINMENT PIPING</p>	<p>○ LOCALLY MOUNTED FIELD INSTRUMENTATION</p> <p>○ MOUNTED ON PANEL FRONT</p> <p>○ MOUNTED INSIDE PANEL</p> <p>○<sup>xxx</sup> FRONT PANEL MOUNTED ON AUXILIARY PANEL (SUBSCRIPT INDICATES PANEL)</p> <p>○= MOUNTED INSIDE AUXILIARY PANEL</p> <p>○ X PILOT LIGHT</p> <p>○○ INSTRUMENT FUNCTIONS SHARING COMMON HOUSING</p> <p>◇ COMPLEX INTERLOCK AS DEFINED IN CONTROL DIAGRAM OR IN SPECIFICATIONS</p> <p>□ SHARED DISPLAY, SHARED CONTROL, FIELD MOUNTED</p> <p>□ SHARED DISPLAY, SHARED CONTROL, PRIMARY LOCATION - NORMALLY ACCESSIBLE TO OPERATOR</p> <p>□ PROGRAMMABLE LOGIC CONTROL, PRIMARY LOCATION - NORMALLY ACCESSIBLE TO OPERATOR</p> <p>□ PROGRAMMABLE LOGIC CONTROL, FIELD MOUNTED</p>	<table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="2">FIRST LETTER</th> <th colspan="3">SUCCEEDING LETTERS</th> </tr> <tr> <th>MEASURED OR INITIATING VARIABLE</th> <th>MODIFIER</th> <th>READOUT OR PASSIVE FUNCTION</th> <th>OUTPUT FUNCTION</th> <th>MODIFIER</th> </tr> </thead> <tbody> <tr><td>A</td><td>ANALYSIS</td><td></td><td>ALARM</td><td></td><td></td></tr> <tr><td>B</td><td>BURNER, COMBUSTION</td><td></td><td>USER'S CHOICE</td><td>USER'S CHOICE</td><td>USER'S CHOICE</td></tr> <tr><td>C</td><td>USER'S CHOICE</td><td></td><td></td><td>CONTROL</td><td>CLOSED</td></tr> <tr><td>D</td><td>USER'S CHOICE</td><td>DIFFERENTIAL</td><td></td><td></td><td></td></tr> <tr><td>E</td><td>VOLTAGE</td><td></td><td>SENSOR (PRIMARY ELEMENT)</td><td></td><td></td></tr> <tr><td>F</td><td>FLOW RATE</td><td>RATIO (FRACTION)</td><td></td><td></td><td></td></tr> <tr><td>G</td><td>USER'S CHOICE</td><td></td><td>GLASS, VIEWING DEVICE</td><td></td><td></td></tr> <tr><td>H</td><td>HAND</td><td></td><td></td><td></td><td>HIGH</td></tr> <tr><td>I</td><td>CURRENT (ELECTRICAL)</td><td></td><td>INDICATE</td><td></td><td></td></tr> <tr><td>J</td><td>POWER</td><td>SCAN</td><td></td><td></td><td></td></tr> <tr><td>K</td><td>TIME, TIME SCHEDULE</td><td>TIME, RATE OF CHANGE</td><td></td><td>CONTROL STATION</td><td></td></tr> <tr><td>L</td><td>LEVEL</td><td></td><td>LIGHT</td><td></td><td>LOW</td></tr> <tr><td>M</td><td>USER'S CHOICE</td><td>MOMENTARY</td><td></td><td></td><td>MIDDLE, INTERMEDIATE</td></tr> <tr><td>N</td><td>USER'S CHOICE</td><td></td><td>USER'S CHOICE</td><td>USER'S CHOICE</td><td>USER'S CHOICE</td></tr> <tr><td>O</td><td>USER'S CHOICE</td><td></td><td>ORIFICE, RESTRICTION</td><td></td><td></td></tr> <tr><td>P</td><td>PRESSURE, VACUUM</td><td></td><td>POINT (TEST) CONNECTION</td><td></td><td></td></tr> <tr><td>Q</td><td>QUANTITY</td><td>INTEGRATE, TOTALIZE</td><td></td><td></td><td></td></tr> <tr><td>R</td><td>RADIATION</td><td></td><td>RECORD</td><td></td><td></td></tr> <tr><td>S</td><td>SPEED, FREQUENCY</td><td>SAFETY</td><td></td><td>SWITCH</td><td></td></tr> <tr><td>T</td><td>TEMPERATURE</td><td></td><td></td><td>TRANSMIT</td><td></td></tr> <tr><td>U</td><td>MULTIVARIABLE</td><td></td><td>MULTIFUNCTION</td><td>MULTIFUNCTION</td><td>MULTIFUNCTION</td></tr> <tr><td>V</td><td>VIBRATION, MECH. 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