



Analog Output Pressure & Temperature Transmitters

| | | | | | | | | | | | | | | |
|---|--|--|---|---|---|------------------------|---|---|---|---|---|---|---|---|
| ATM.1st/T | | | X | X | X | X | X | X | X | X | X | X | X | X |
| Pressure type | | | | | | | | | | | | | | |
| Gauge | | | 1 | | | | | | | | | | | |
| Absolute | | | 2 | | | | | | | | | | | |
| Sealed gauge | | | 3 | | | | | | | | | | | |
| Pressure range 1.5 psi to 360 psi (>360 psi consult factory for ML5100) | | | | X | X | | | | | | | | | |
| Pressure connection | | | | | | | | | | | | | | |
| G 1/2 male, 0.16dia x .27 long probe tip) | | | | | | | 7 | 2 | | | | | | |
| 1/2" NPT male, 0.16dia x .27 long probe tip) | | | | | | | 7 | 3 | | | | | | |
| Customized connection | | | | | | | 9 | 9 | | | | | | |
| Electrical connection | | | | | | | | | | | | | | |
| Connector DIN43650 plastic PA ¹⁾²⁾ | | | | | | | | | 0 | 1 | | | | |
| Connector MIL-C-26482, (10-6) ¹⁾ | | | | | | | | | 8 | 0 | | | | |
| PE cable, black price per foot | | | | | | | | | 1 | 3 | | | | |
| PUR cable, black with cable gland price per foot | | | | | | | | | 1 | 5 | | | | |
| PUR cable, black with anti-kink nozzle price per foot | | | | | | | | | 1 | 6 | | | | |
| Teflon cable, black with cable gland price per foot | | | | | | | | | 2 | 1 | | | | |
| Customized connection | | | | | | | | | 9 | 9 | | | | |
| Output signal | | | | | | | | | | | | | | |
| 4 to 20 mA (3-wire configuration) | | | | | | | | | | 0 | 3 | | | |
| 4 to 20 mA (4-wire configuration) | | | | | | | | | | 0 | 5 | | | |
| Accuracy | | | | | | | | | | | | | | |
| <u>Pressure</u> | | | | | | <u>Temperature</u> | | | | | | | | |
| ≤± 0.25% FS (per datasheet) | | | | | | According to datasheet | | | | | | 1 | | |
| ≤± 0.1% FS (per datasheet) | | | | | | According to datasheet | | | | | | 2 | | |
| Temperature range | | | | | | | | | | | | | | |
| 32 to 160°F / 0 to 70°C comp. (Media temp. -40 to 250°F / -40 to 125°C) | | | | | | | | | | | | | 0 | |
| -15 to 212°F / -25 to 100°C comp. (Media temp. -40 to 250°F / -40 to 125°C) | | | | | | | | | | | | | 1 | |
| -40 to 212°F / -40 to 100°C comp. (Media temp. -40 to 250°F / -40 to 125°C) | | | | | | | | | | | | | 3 | |
| Customized temp. range | | | | | | | | | | | | | 9 | |
| Options | | | | | | | | | | | | | | |
| Special oil filling: For food applications PAO4 (silicon free) | | | | | | | | | | | | | | |
| Seals: Viton (Standard) | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | G | |
| | | | | | | | | | | | | | Q | |
| | | | | | | | | | | | | | U | |

NOTES:

1) Cable socket not included

2) Demountable version

Please specify the temperature measuring range. Must be within -65 to 300°F / -50 to 150°C, range must span at least 30°C, and must include 15-30°C.