

V@^ÁÔUÙCEÁŠÚÖVGÁ{ }|c|æ&E& [{]æ&CEÁ [[]É [, ^!^áá^, Á] [á]c|æ } • { acc^!Áæçæá|æá|Á, á@Á [!Á, á@ [~ c|æáá •] |æ^ÉÁÁ V@^ÁŠÚÖVGÁ [--^!^Á • ^!^Á { [!^Á& []c [!Áæ } á []c [] • Á- [!Á& • c [{ á : ^áá^, Á] [á]c|æ { []á@ [!á } *ÉÁØ^æ~!^Áá } &| ~ á^Á

- **LPDT2 with Display:** Á-^æ~!^Áæ { á } áæ~!^Á& • c [{ ŠÖÖÁá } |æ^Á, á@Á^, Á- [!Á] • @á~cc [} Á& []c [!Á^ } æá|á } *Á ~^!^Ác [Áçá^, ÉÁ^!^&cÉÁæ } áÁ^c []c [] • Áæç@^Ác|æ } • { acc^!É
 - **LPDT2 with No Display:** Áá^æá|á } áÁc|æ } • { acc^!Á [!çáá } *Ác@^Á { ^æ • ~!^ { ^ }c|æ!^|áæá|á~^!^!^Áç } ^&c-! [{ Á ÔUÙCEÁ^ }cæ~!ÁPVØÁæ~ { á } ~ { Á [áá^Á^ } • [!ÉÁ, á@ [~ c|æ@^Áæáááá []æ!^Áç } • ^Á [-Á []Éá [æ!áÁc|æ } • { acc^!Á& []c [!É
- Š [[]Ép [, ^!^á, á@Á!ÉÉ { CEÁæ }æ [!^c] ~c
 - ÖæçáŠ [*^á } *Á [~c] ~c • Áçáá T U Ö Ö W Ú Á ! !
 - W • ^!Ás^!^&cæá|Ás^ccá } *Á- [!Á] á@Á [-Á { ^æ • ~!^
 - HÁØá^!ááæá • c { ^ }c|æ []c [] •
- ÞÖTCEÁ!ÁQÚÎÎÁh [~á } *
 - Öá] |æ^Á~ } áç&æ } Áá^Á! [çæçáá [Á!^æá~] !á * @c
 - U [c|æ] æ!ÁÖLÁFÁÖçÁGÁæ!^æá!æá } *Á (coming soon)
 - Š [, Á& [c|æ [-Á [,] ^!^@á] Áæ } áá { æá }c^ } æ } &^

Configurations

- ŠÚÖVGÉF€€Á. Á*^!^!æ|Á] [!] [• ^Áæ } á!ÖŠFÁÖçÁG
- ŠÚÖVGÉÞÖF€€Á. Á*^!^!æ|Á] [!] [• ^Áæ } á!ÖŠFÁÖçÁG
- ŠÚÖVGÉÎÁ. Á*^!^!æ|Á] [!] [• ^Áæ } á!ÖŠFÁÖçÁG
- ŠÚÖVGÉÞÖÎÁ. Á*^!^!æ|Á] [!] [• ^Áæ } á!ÖŠFÁÖçÁG

Applications

- Ö [ç^Áá [ç^ •
- Ô | ^æ } Á! [[{ Á^ } çá! [] { ^ }c •
- Þæç~!æ|á*æ^c|æ } • { á • á []
- P^á! [&æ!á [] Á]! [&^ • á } *
- CEá!áá!^!^!æ } áÁ& [{]!^ • • [!]
- Ù] ^áæ|ç^Áæá!á*æ • ^ •
- Ô!^ [*^ } á&
- CEá!á*^!^!æ [!] •

Ù^!^&cæá|ÁW • ^!^ÁÙ^ccá } *Á { æ^áá^Á& []c [! | Ááçááæ } ÁU] c|æ [] æ!ÁÖ []c [! | Á!DÖá •] |æ^Á { [~ }c^áá } Ác@^Ác|æ } • { acc^!ÉÁÙ^Á &@æ!c|æ [, Á- [!Áæçæá|æá|Á^Á^ccá } *Áæ } áÁ& []c [! | Á!ç^!^Á- [!Áá [c@Ác|æ } • { acc^!Á []c [] • É

Settings	LPDT	LPDT2 No Display (Modbus Controlled)	LPDT2 Display Controlled
Select Units of Measure for output reading (°C, °F, ppmV, lbs, g/m3)	Yes	No	Yes
Display up to two Alternating Units of Measure	Yes	No	Yes
Lock and Unlock settings	Yes	No	Yes
Single Point Calibration, with a known gas value	No	No	Yes NEW
Span Check Calibration	Yes	No	Yes
Offset Adjustment	No	YES NEW	YES NEW
Show Sensor Data (transmitter and sensor Serial number)	Yes	Yes	Yes
Test the 4-20mA out put	Yes	Yes	Yes
Customize the Scale on 4-20mA output	Yes	Yes	Yes
Rotating Front Panel	Yes	Yes	Yes

TECHNICAL SPECIFICATIONS

LPDT2 Dew Point Transmitter	
Type:	Hyper-Thin-Film high capacitance Al ₂ O ₃ dew point range; XTR-100 -100°C to +20°C (-148°F to +68°F), XTR-65 -65°C to +20°C (-85°F to +68°F)
Capacitance:	15nF to 200nF
Accuracy:	±3°C (± 5.5°F) for -100°C to +20°C dew point
Repeatability:	±0.5°C (±0.9°F)
Operating Temperature range:	-10°C to +70°C (+14°F to +158°F)
Sample Flow Range (linear vel. @ 1 atm.):	Static to 100 m/s
Storage Temperature:	-40°C to +80°C (-40°F to +176°F)
Calibration Method:	NIST/NPL traceable, multipoint calibration; single point and span check (display unit)
Electronics	
Input resolution:	0.1°C (dp)
Indicators:	3.5 digit LCD with custom legends on display unit
Engineering units:	°C, °F, ppmv, LBS H ₂ O/mm scf, gm H ₂ O/M ³ with display; cton no display
Controls:	4 push buttons, all settings stored in EPROM
Output:	Analog 4-20mA; 2 wire modbus 485 interface
Isolation:	Sensor and case are isolated from the current loop and shunted with 33V transorbs
Mechanical	
Enclosure:	Stainless steel IP64 enclosure
Pressure operating range:	340 bar (5,000 PSI)
Electrical connections:	Device: Molex 1200905081, 5 pin male connector Mate: Molex 1200860192, 5 pin female connector
Cable:	5 conductor cables, 12ft cable provided, can configure for 2 wire system
Power Requirements:	10 to 33 VDC, the instrument draws 4-20mA depending on measurement dew point
Warranty:	One year

