



ADTECH

95 Mt. Read Blvd # 149
Rochester, New York 14611 USA
Phone: 1.585.698.1845
Fax: 1.585.697.0445

www.adtech-inst.com

200 SERIES TWO-WIRE FIELD SELECTABLE WIDE RANGING TRANSMITTERS GUIDE



FEATURES

- **TYPES OF INPUTS:** AC I/V (TRMS OR AVERAGE); FREQUENCY, MILLIVOLTS, POTENTIOMETER, RTD, DC I/V, T/C.
- **NO INTERACTION:** ZERO AND SPAN CONTROLS
- **ELEVATION/SUPPRESSION:** UP TO 100% OF RANGE
- **POWER RANGE:** 8 TO 42 VDC
- **RFI-RESISTANT**
- **TEMPERATURE COEFFICIENTS:**
ZERO = $\pm 0.007\%$ / °C OF SPAN- TYPICAL
SPAN = $\pm 0.008\%$ / °C OF SPAN- TYPICAL
- **REPEATABILITY:** $\pm 0.002\%$ TYPICAL
- **BANDWIDTH:** (-3 DB) : 3.2 HZ TYPICAL
- **ISOLATION:** 1000 VDC OR 600 VAC
- **POWER SUPPLY EFFECT:** $\pm 0.005\%$ OF SPAN
- **RESPONSE TIME:** 110 MILLISECONDS TYPICAL
- **REVERSE POLARITY PROTECTION**

TYPICAL APPLICATIONS

MEASUREMENT OF :

- TEMPERATURE
- FLOW
- SPEED
- POSITION
- DISPLACEMENT
- ROTATION
- AC CURRENT
- AC VOLTAGE
- DC SIGNALS

AC INPUT ACX 240 (ISOLATED)

FREQUENCY INPUT FDX 250 (ISOLATED)

MV INPUT MVX 206 (NON-ISOLATED)

INPUT/OUTPUT

INPUT/OUTPUT

INPUT/OUTPUT

INPUT SIGNALS
 AC CURRENT: ANY 0-1 TO 0-5 AMPS AC, BURDEN LESS THAN 0.5 VA (SELECTABLE AVERAGE OR TRUE RMS RESPONDING)
 AC VOLTAGE: ANY 0-0.25 TO 0-250 VAC, BURDEN LESS THAN 0.5 VA (SELECTABLE AVERAGE OR TRUE RMS RESPONDING) (4 MAJOR RANGES 0.25, 2.5, 25, 250)
 ZERO ADJUSTMENT: ±5% NOMINAL OF SPAN
 COURSE SPAN ADJUSTMENT: 100% OF A MAJOR RANGE (VOLTAGE ONLY)
 FINE SPAN ADJUSTMENT: ±5% NOMINAL OF MAJOR RANGE (±1 AMP FOR CURRENT INPUT)
 INPUT FREQUENCY RANGE: 25-1,000 HZ
 INPUT OVERLOAD CAPABILITY: 200% CONTINUOUS

OUTPUT SIGNAL: 4-20 mA DC
 OUTPUT LOOP DRIVE CAPABILITY
 $R \text{ (OHM)} = \frac{(V \text{ SUPPLY} - V \text{ MINIMUM}) 1.000}{I \text{ OUT MAX. MA}}$
 V MINIMUM = 8.0 VDC

I out	4-20 mA			
V supply	12	24	36	42
R(ohms)	200	800	1400	1700

INPUT SIGNALS
 VOLTAGE (AMPLITUDE): 10 MV-100 VRMS (0-5 KHZ); 50 MV TO 50 VRMS (5 KHZ TO 30 KHZ)
 CONTACT: DRY, 2 mA @ 24 VAC RATING
 FREQUENCY RANGE: 0-30 HZ TO 0-30 KHZ FULL SCALE
 MAJOR RANGE SWITCH: PROVIDES 11 DISCRETE RANGES WITH THE ZERO CONTROL ADJUSTABLE 10% OF OUTPUT AND SPAN CONTROL ADJUSTABLE FROM 50% TO 100% OF THE MAJOR RANGE SELECTED

OUTPUT SIGNAL: 4-20 mA DC
 OUTPUT LOOP DRIVE CAPABILITY
 $R \text{ (OHM)} = \frac{(V \text{ SUPPLY} - V \text{ MINIMUM}) 1.000}{I \text{ OUT MAX. MA}}$
 V MINIMUM = 8.0 VDC

I out	4-20 mA			
V supply	12	24	36	42
R(ohms)	200	800	1400	1700

INPUT SIGNALS
 0.5 MV TO 100 MV SPAN (Z IN GREATER THAN 10 MEGOHMS)
 ZERO SUPPRESSION: UP TO 100% OF THE MAJOR RANGE SELECTED IN 16 DIVISIONS OF THE COARSE ZERO ADJUSTMENT SWITCH
 SPAN: FROM 0.5 MV TO 100 MV FULL SCALE SWITCH SELECTABLE. THE COARSE SPAN SWITCH ADDS 16 DIVISIONS TO EACH MAJOR RANGE.

OUTPUT SIGNAL: 4-20 mA DC
 OUTPUT LOOP DRIVE CAPABILITY
 $R \text{ (OHM)} = \frac{(V \text{ SUPPLY} - V \text{ MINIMUM}) 1.000}{I \text{ OUT MAX. MA}}$
 V MINIMUM = 8.0 VDC

I out	4-20 mA			
V supply	12	24	36	42
R(ohms)	200	800	1400	1700

PERFORMANCE

PERFORMANCE

PERFORMANCE

* CALIBRATED ACCURACY: ±0.25%
 * INDEPENDENT LINEARITY: ±0.15% MAXIMUM, ±0.06% TYPICAL

REPEATABILITY: ±0.005% MAX., ±0.002% TYP.
 ZERO TC: ±0.01% OF SPAN MAX /°C
 SPAN TC: CURRENT: +0.02% OF SPAN MAX /°C
 LOAD EFFECT: ±0.005% ZERO TO FULL LOAD
 OUTPUT RIPPLE: 10 MV P/P MAXIMUM
 RESPONSE TIME: 350 MILLISECONDS (10 TO 90% STEP RESPONSE)
 AVERAGE RESPONDING
 BANDWIDTH: (-3 DB): 1 HZ
 TEMPERATURE RANGE:
 -25° TO 185°F (-31° TO 85°C) OPERATING;
 -40° TO 200°F (-40° TO 93°C) STORAGE
 POWER SUPPLY EFFECT: ±0.005% OF SPAN, MAX.
 ISOLATION: INPUT/OUTPUT/CASE: 1000VDC, 600 VAC
 NOTE: ALL ACCURACIES ARE GIVEN AS A % OF SPAN.

* CALIBRATED ACCURACY: ±0.1%
 * INDEPENDENT LINEARITY: ±0.02% MAXIMUM, ±0.01% TYPICAL

REPEATABILITY: ±0.005% MAX., ±0.002% TYP.
 ZERO TC: ±0.01% OF SPAN MAX /°C
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 LOAD EFFECT: ±0.005% ZERO TO FULL LOAD
 OUTPUT RIPPLE: 10 MV P/P MAXIMUM
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 POWER SUPPLY EFFECT: ±0.005% OF SPAN, MAX.
 ISOLATION: INPUT/OUTPUT/CASE: 1000VDC OR 600 VAC
 NOTE: ALL ACCURACIES ARE GIVEN AS A % OF SPAN.

* CALIBRATED ACCURACY: ±0.1%
 * INDEPENDENT LINEARITY: ±0.01% MAXIMUM, ±0.006% TYPICAL (14-BIT DIGITAL LINEARITY)
 REPEATABILITY: ±0.005% MAX., ±0.002% TYP.
 ZERO TC: ZERO TC: ± 0.025 + 0.005 INPUT SPAN (MV) % OF SPAN MAX./ °C

SPAN TC: ±0.008% OF SPAN MAX/°C
 LOAD EFFECT: ±0.005% ZERO TO FULL LOAD
 OUTPUT RIPPLE: 10 MV P/P MAXIMUM
 RESPONSE TIME: 110 MILLISECONDS (10 TO 90% STEP RESPONSE)
 BANDWIDTH: (-3 DB): 3.2 HZ
 TEMPERATURE RANGE:
 -25° TO 185°F (-31° TO 85°C) OPERATING;
 -40° TO 200°F (-40° TO 93°C) STORAGE
 POWER SUPPLY EFFECT: ±0.005% OF SPAN MAX.
 NOTE: ALL ACCURACIES ARE GIVEN AS A % OF SPAN.

POWER

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8 TO 42 VDC: STANDARD

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MECHANICAL

MECHANICAL

MECHANICAL

ELECTRICAL CLASSIFICATION: GENERAL PURPOSE
 CONNECTION: SCREW, COMPRESSION TYPE, ACCEPTS UP TO 14 AWG
 CONTROLS: ONE 16-POSITION ROTARY SWITCH FOR COARSE SPAN; TWO MULTITURN POTENTIOMETERS FOR FINE ZERO AND SPAN CONTROL. JUMPERS FOR MEASUREMENT RESPONSE TYPE TRMS OR AVERAGE AND FOR INPUT RANGES
 MOUNTING: SURFACE, SNAP-TRACK, DIN RAILS, OR NEMA 4, OR 7
 WEIGHT: NET UNIT: 4 OZ. (115 GRAMS);
 SHIPPING: NOMINAL 7 OZ. (200 GRAMS)

ELECTRICAL CLASSIFICATION: GENERAL PURPOSE
 CONNECTION: SCREW, COMPRESSION TYPE, ACCEPTS UP TO 14 AWG
 CONTROLS: ONE 16-POSITION ROTARY SWITCH FOR MAJOR RANGE; FOUR MULTITURN POTENTIOMETERS FOR ZERO, SPAN, HYSTERESIS AND SENSITIVITY.
 MOUNTING: SURFACE, SNAP-TRACK, DIN RAILS, OR NEMA 4 OR 7
 WEIGHT: NET UNIT: 4 OZ. (115 GRAMS);
 SHIPPING: NOMINAL 7 OZ. (200 GRAMS)

ELECTRICAL CLASSIFICATION: GENERAL PURPOSE
 CONNECTION: SCREW, COMPRESSION TYPE, ACCEPTS UP TO 14 AWG
 CONTROLS: TWO 16-POSITION ROTARY SWITCHES FOR COARSE ZERO AND SPAN CONTROL; TWO MULTITURN POTENTIOMETERS FINE ZERO, AND SPAN CONTROL AND JUMPERS FOR MAJOR RANGE AND ZERO ELEVATION
 MOUNTING: SURFACE, SNAP-TRACK, DIN RAILS, OR NEMA 4, OR 7
 WEIGHT: NET UNIT: 4 OZ. (115 GRAMS);
 SHIPPING: NOMINAL 7 OZ (200 GRAMS)

OPTIONS

OPTIONS

OPTIONS

H 15 D, H 25- H 30
 LPI 40 D

MOUNTING LOOP POWERED INDICATOR

H 15 D, H 25- H 30
 LPI 40 D

MOUNTING LOOP POWERED INDICATOR

H 15 D, H 25- H 30
 LPI 40 D

MOUNTING LOOP POWERED INDICATOR

MV INPUT MVX 226 (ISOLATED)

POTENTIOMETER INPUT PTX 273 (NON-ISOLATED)

RTD INPUT RBX 274 (NON-ISOLATED)

INPUT/OUTPUT

INPUT/OUTPUT

INPUT/OUTPUT

INPUT SIGNALS
0.5 mV TO 100 mV SPAN (Z IN GREATER THAN 10 MEGOHMS)
ZERO SUPPRESSION: UP TO 100% OF THE MAJOR RANGE SELECTED IN 16 DIVISIONS OF THE COARSE ZERO ADJUSTMENT SWITCH
SPAN: FROM 0.5 mV TO 100 mV FULL SCALE SWITCH SELECTABLE. THE COARSE SPAN SWITCH ADDS 16 DIVISIONS TO EACH MAJOR RANGE.

OUTPUT SIGNAL: 4-20 mA DC
OUTPUT LOOP DRIVE CAPABILITY

$R \text{ (OHM)} = \frac{(V \text{ SUPPLY} - V \text{ MINIMUM}) 1.000}{I \text{ OUT MAX. MA}}$

V MINIMUM = 8.0 VDC

I out	4-20 mA			
V supply	12	24	36	42
R(ohms)	200	800	1400	1700

INPUT SIGNALS
POTENTIOMETERS/SLIDEWIRE SENSORS: 3 WIRE
50 OHM TO 100 K OHM RESISTANCE SPANS
STANDARD
ZERO SUPPRESSION: UP TO 100% OF THE POTENTIOMETER ROTATION SELECTED IN 16 DIVISIONS OF THE COARSE ZERO ADJUSTMENT SWITCH
SPAN: FROM 0-100% FULL SCALE SWITCH SELECTABLE. THE COARSE SPAN SWITCH ADDS 16 RANGE DIVISIONS

OUTPUT SIGNAL: 4-20 mA DC
OUTPUT LOOP DRIVE CAPABILITY

$R \text{ (OHM)} = \frac{(V \text{ SUPPLY} - V \text{ MINIMUM}) 1.000}{I \text{ OUT MAX. MA}}$

V MINIMUM = 8.0 VDC

I out	4-20 mA			
V supply	12	24	36	42
R(ohms)	200	800	1400	1700

INPUT SIGNALS
RESISTANCE BULB SENSOR: 2, 3, OR 4 WIRE TYPES
1 TO 400 OHM RESISTANCE SPANS: STANDARD
ZERO SUPPRESSION: UP TO 100% OF THE MAJOR RANGE SELECTED IN 16 DIVISIONS OF THE COARSE ZERO ADJUSTMENT SWITCH.
SPAN: FROM 0-100% FULL SCALE SWITCH SELECTABLE. THE COARSE SPAN SWITCH ADDS 16 DIVISIONS TO EACH MAJOR RANGE.
LEAD COMPENSATION: 1% MAXIMUM ERROR, OF DIFFERENTIAL LEAD RESISTANCE.

OUTPUT SIGNAL: 4-20 mA DC
OUTPUT LOOP DRIVE CAPABILITY

$R \text{ (OHM)} = \frac{(V \text{ SUPPLY} - V \text{ MINIMUM}) 1.000}{I \text{ OUT MAX. MA}}$

V MINIMUM = 8.0 VDC

I out	4-20 mA			
V supply	12	24	36	42
R(ohms)	200	800	1400	1700

PERFORMANCE

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PERFORMANCE

* CALIBRATED ACCURACY: 0.1%
INDEPENDENT LINEARITY: ±0.01% MAXIMUM, ±0.006% TYPICAL (14-BIT DIGITAL LINEARITY)
REPEATABILITY: ±0.005% MAX., ±0.002% TYP.
ZERO TC: ± $\frac{0.025}{\text{INPUT SPAN (MV)}} + 0.005$ % OF SPAN MAX./°C
SPAN TC: ±0.008% OF SPAN MAX./°C
LOAD EFFECT: ±0.005% ZERO TO FULL LOAD
OUTPUT RIPPLE: 10 mV P/P MAXIMUM
RESPONSE TIME: 110 MILLISECONDS (10 TO 90% STEP RESPONSE)
BANDWIDTH: (-3 DB): 3.2 HZ
TEMPERATURE RANGE:
-25° TO 185°F (-31° TO 85°C) OPERATING;
-40° TO 200°F (-40° TO 93°C) STORAGE
POWER SUPPLY EFFECT: ±0.005% OF SPAN MAX.
ISOLATION: INPUT/OUTPUT/CASE: 1000 VDC, OR 600 VAC
NOTE: ALL ACCURACIES ARE GIVEN AS A % OF SPAN.

* CALIBRATED ACCURACY: 0.1%
INDEPENDENT LINEARITY: ±0.01% MAXIMUM, ±0.006% TYPICAL (14-BIT DIGITAL LINEARITY)
REPEATABILITY: ±0.005% MAX., ±0.002% TYP.
ZERO TC: ±0.007% OF SPAN
SPAN TC: ±0.010% OF SPAN MAX./°C
LOAD EFFECT: ±0.005% ZERO TO FULL LOAD
OUTPUT RIPPLE: 10 mV P/P MAXIMUM
RESPONSE TIME: 110 MILLISECONDS (10 TO 90% STEP RESPONSE)
BANDWIDTH: (-3 DB): 3.2 HZ
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POWER SUPPLY EFFECT: ±0.005% OF SPAN MAX.
NOTE: ALL ACCURACIES ARE GIVEN AS A % OF SPAN.

* CALIBRATED ACCURACY: ±0.1%
*INDEPENDENT LINEARITY: ±0.025% MAX., ±0.01% TYPICAL
CONFORMANCE TO RTD CURVES: 0.15% MAX.
REPEATABILITY: ±0.005% MAX., ±0.002% TYP.
ZERO TC: ± $\frac{0.05}{\text{INPUT SPAN (OHMS)}} + 0.005$ % OF SPAN/°C MAX.
SPAN TC: ±0.008% OF SPAN MAX./°C
LOAD EFFECT: ±0.005% ZERO TO FULL LOAD
OUTPUT RIPPLE: 10 mV P/P MAXIMUM
RESPONSE TIME: 110 MILLISECONDS (10 TO 90% STEP RESPONSE)
BANDWIDTH: (-3 DB): 3.2 HZ
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POWER

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8 TO 42 VDC: STANDARD

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MECHANICAL

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ELECTRICAL CLASSIFICATION: GENERAL PURPOSE
CONNECTION: SCREW, COMPRESSION TYPE, ACCEPTS UP TO 14 AWG
CONTROLS: TWO 16-POSITION ROTARY SWITCHES FOR COARSE ZERO AND SPAN CONTROL; TWO MULTITURN POTENTIOMETERS FOR FINE ZERO, AND SPAN CONTROL AND JUMPERS FOR MAJOR RANGE AND ZERO ELEVATION
MOUNTING: SURFACE, SNAP-TRACK, DIN RAILS, OR NEMA 4 OR 7
WEIGHT: NET UNIT: 4 OZ. (115 GRAMS);
SHIPPING: NOMINAL 7 OZ (200 GRAMS)

ELECTRICAL CLASSIFICATION: GENERAL PURPOSE
CONNECTION: SCREW, COMPRESSION TYPE, ACCEPTS UP TO 14 AWG
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CONTROLS: TWO 16-POSITION ROTARY SWITCHES FOR COARSE ZERO AND SPAN CONTROL; TWO MULTITURN POTENTIOMETERS FOR FINE ZERO AND SPAN CONTROL AND JUMPERS FOR RTD TYPE, MAJOR RANGE AND ZERO ELEVATION
MOUNTING: SURFACE, SNAP-TRACK, DIN, OR NEMA 4 OR 7
WEIGHT: NET UNIT: 4 OZ. (115 GRAMS);
SHIPPING: NOMINAL 7 OZ (200 GRAMS)

OPTIONS

OPTIONS

OPTIONS

H 15 D, H 25- H 30
LPI 40 D

MOUNTING LOOP POWERED INDICATOR

H 15 D, H 25- H 30
LPI 40 D

MOUNTING LOOP POWERED INDICATOR

H 15 D, H 25- H 30
LPI 40 D

MOUNTING LOOP POWERED INDICATOR

RTD INPUT RBX 272 (ISOLATED)	I/V/MV INPUT SCX 202 (ISOLATED)	T/C INPUT TCX 226 (ISOLATED)																																													
INPUT/OUTPUT	INPUT/OUTPUT	INPUT/OUTPUT																																													
<p>INPUT SIGNALS RESISTANCE BULB SENSOR: 2, 3, OR 4 WIRE TYPES 1 TO 400 OHM RESISTANCE SPANS: STANDARD ZERO SUPPRESSION: UP TO 100% OF THE MAJOR RANGE SELECTED IN 16 DIVISIONS OF THE COARSE ZERO ADJUSTMENT SWITCH. SPAN: FROM 0-100% FULL SCALE SWITCH SELECTABLE. THE COARSE SPAN SWITCH ADDS 16 DIVISIONS TO EACH MAJOR RANGE. LEAD COMPENSATION: 1% MAXIMUM ERROR OF DIFFERENTIAL LEAD RESISTANCE</p> <p>OUTPUT SIGNAL: 4-20 MA DC OUTPUT LOOP DRIVE CAPABILITY</p> <p>$R \text{ (OHM)} = \frac{V \text{ SUPPLY} - V \text{ MINIMUM}}{I \text{ OUT MAX. MA}} \cdot 1.000$</p> <p>V MINIMUM = 8.0 VDC</p> <table border="1" data-bbox="32 661 479 745"> <thead> <tr> <th>I out</th> <th colspan="4">4-20 mA</th> </tr> </thead> <tbody> <tr> <td>V supply</td> <td>12</td> <td>24</td> <td>36</td> <td>42</td> </tr> <tr> <td>R(ohms)</td> <td>200</td> <td>800</td> <td>1400</td> <td>1700</td> </tr> </tbody> </table>	I out	4-20 mA				V supply	12	24	36	42	R(ohms)	200	800	1400	1700	<p>INPUT SIGNALS 4-20 MA DC (Z IN 10 OHMS) 0-20 OR ± 20 MA DC (Z IN 10 OHMS) 0-10 OR ±10 MA DC (Z IN 20 OHMS) 0-1 OR ±1 MA DC (Z IN 200 OHMS) 1-5 VDC (Z IN 1 MEGOHM) 0-5 OR ±VDC (Z IN 1 MEGOHM) 0-10 OR ±10 VDC (Z IN 1 MEGOHM) ANY UNIPOLAR OR BIPOLAR VOLTAGE FROM 100 MV TO 200 VDC. (OPTION I 14) ZERO SUPPRESSION: ±10% SPAN ADJUSTMENT: ±10%</p> <p>OUTPUT LOOP DRIVE CAPABILITY</p> <p>$R \text{ (OHM)} = \frac{V \text{ SUPPLY} - V \text{ MINIMUM}}{I \text{ OUT MAX. MA}} \cdot 1.000$</p> <p>V MINIMUM = 8.0 VDC</p> <table border="1" data-bbox="584 661 1031 745"> <thead> <tr> <th>I out</th> <th colspan="4">4-20 mA</th> </tr> </thead> <tbody> <tr> <td>V supply</td> <td>12</td> <td>24</td> <td>36</td> <td>42</td> </tr> <tr> <td>R(ohms)</td> <td>200</td> <td>800</td> <td>1400</td> <td>1700</td> </tr> </tbody> </table>	I out	4-20 mA				V supply	12	24	36	42	R(ohms)	200	800	1400	1700	<p>INPUT SIGNALS *THERMOCOUPLE: ALL STANDARD ISA CALIBRATION (B, E, J, K, R, S, T), -20 MV TO 100 MV SPANS (Z IN GREATER THAN 1 MEGOHM) ZERO SUPPRESSION: UP TO 100% OF THE MAJOR RANGE SELECTED IN 16 DIVISIONS OF THE COARSE ZERO ADJUSTMENT SWITCH. SPAN: FROM 0.5 MV TO 100 MV FULL SCALE SWITCH SELECTABLE. THE COARSE SPAN SWITCH ADDS 16 DIVISIONS TO EACH MAJOR RANGE. UPSCALE/DOWNSCALE BURNOUT PROTECTION: STANDARD. FIELD SELECTABLE BURNOUT CURRENT: 0.1 MICRO AMPERES-NOMINAL *CONSULT FACTORY FOR OTHER T/C TYPES.</p> <p>OUTPUT SIGNAL: 4-20 MA DC OUTPUT LOOP DRIVE CAPABILITY</p> <p>$R \text{ (OHM)} = \frac{V \text{ SUPPLY} - V \text{ MINIMUM}}{I \text{ OUT MAX. MA}} \cdot 1.000$</p> <p>I OUT MAX. MA V MINIMUM = 8.0 VDC</p> <table border="1" data-bbox="1120 661 1567 745"> <thead> <tr> <th>I out</th> <th colspan="4">4-20 mA</th> </tr> </thead> <tbody> <tr> <td>V supply</td> <td>12</td> <td>24</td> <td>36</td> <td>42</td> </tr> <tr> <td>R(ohms)</td> <td>200</td> <td>800</td> <td>1400</td> <td>1700</td> </tr> </tbody> </table>	I out	4-20 mA				V supply	12	24	36	42	R(ohms)	200	800	1400	1700
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THE ADTECH 200 SERIES TWO-WIRE TRANSMITTERS PROVIDE FIELD MOUNTED EFFICIENCY AND EASE OF WIRING IN A COMPACT DIN PACKAGE. THE UNITS CONVERT SENSOR INPUTS TO THE INDUSTRY STANDARD 4-20 mA DC TWO-WIRE LOOP OUTPUT FOR INTERFACE DIRECTLY WITH THE PLC'S, DCS'S AND PROCESS COMPUTERS.

MOST UNITS PROVIDE INDEPENDENT LINEARITY EQUIVALENT TO 14-BIT DIGITAL ACCURACY AND INCLUDE USER FRIENDLY FEATURES SUCH AS WIDE RANGING AND NON-INTERACTIVE ZERO AND SPAN CONTROLS.

THE COMPACT DIN MOUNTING STYLE ALLOWS HIGH DENSITY MOUNTING IN NEW OR EXISTING FIELD MOUNTED OR CONTROL PANEL ENCLOSURES.

STANDARD MOUNTING IS DIN RAIL. SURFACE OR SNAP TRACK MOUNTING IS PROVIDED AT NO CHARGE. NEMA 4 OR 7 ARE OPTIONALLY AVAILABLE.

THESE UNITS ARE DESIGNED FOR INDUSTRIAL ENVIRONMENTS. THE HOUSING IS MADE OF RUGGED KRILEN FOR PROTECTION AGAINST CORROSION, MOISTURE AND DUST.

SCREW COMPRESSION TERMINALS ARE PROVIDED FOR POSITIVE FIELD CONNECTIONS.

REVERSE POLARITY PROTECTION AND CURRENT LIMITING ARE SUPPLIED AS STANDARD.

THE POWER RANGE OF 8 TO 42 VDC PROVIDES VALUABLE ADDED DRIVE CAPABILITY.

THE INPUT CAN BE FACTORY SET TO ORDER AS SPECIFIED (NO CHARGE) OR RECONFIGURED IN THE FIELD BY SIMPLY ADJUSTING SWITCHES, MULTI-TURN POTENTIOMETERS, AND PLUG-IN JUMPERS.

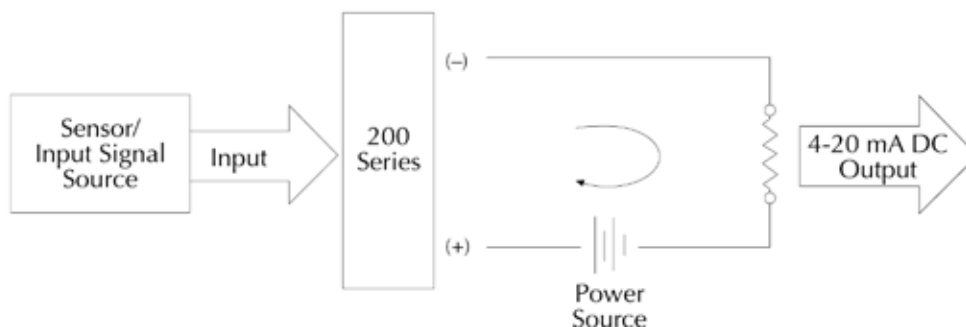
INTEGRAL LCD FIELD INDICATOR (LPI 40D) IS OPTIONALLY AVAILABLE.

AC TO DC OR DC TO DC INSTRUMENT POWER SUPPLIES ARE AVAILABLE. THE IPS 2402 AC/DC POWERS UP TO 2 UNITS. THE IPS 2416 AC/DC OR DC/DC POWERS UP TO 16 UNITS. DIN, SURFACE, SNAP TACK OR NEMA MOUNTINGS ARE AVAILABLE.

Connections

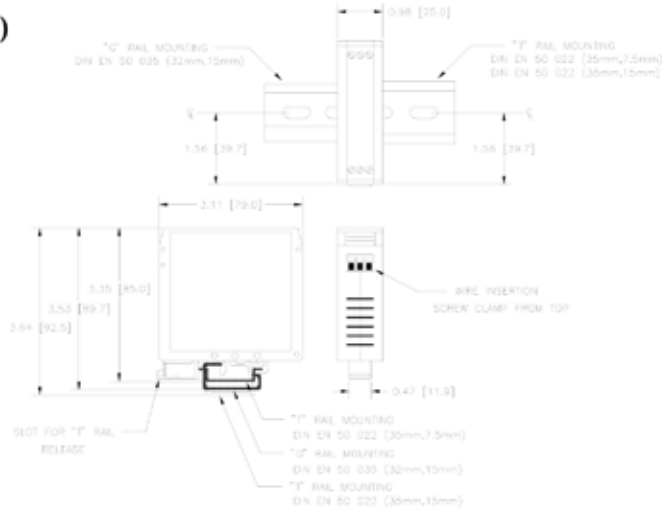


Typical Connection

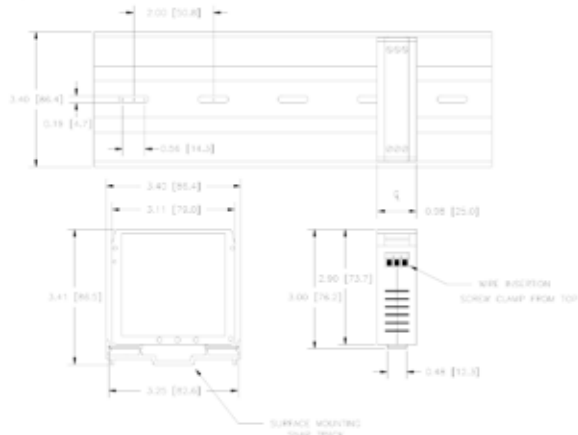


Outline & Mounting

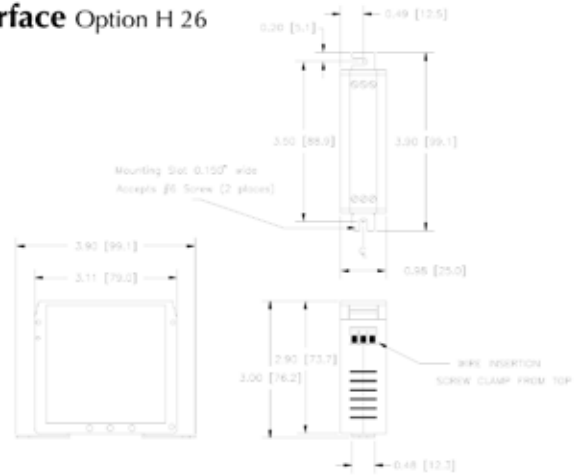
DIN Mount (Standard)



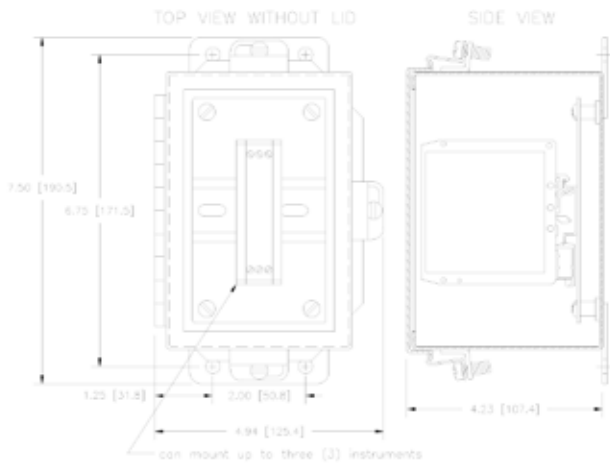
Snap Track Option H 25



Surface Option H 26



NEMA 4 Option H 27



NEMA 7 Option H15D

