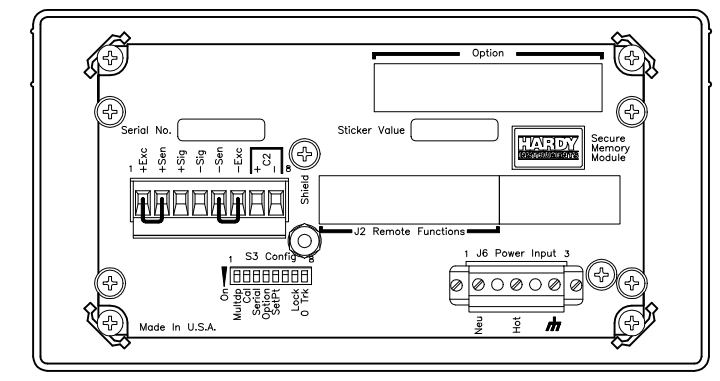
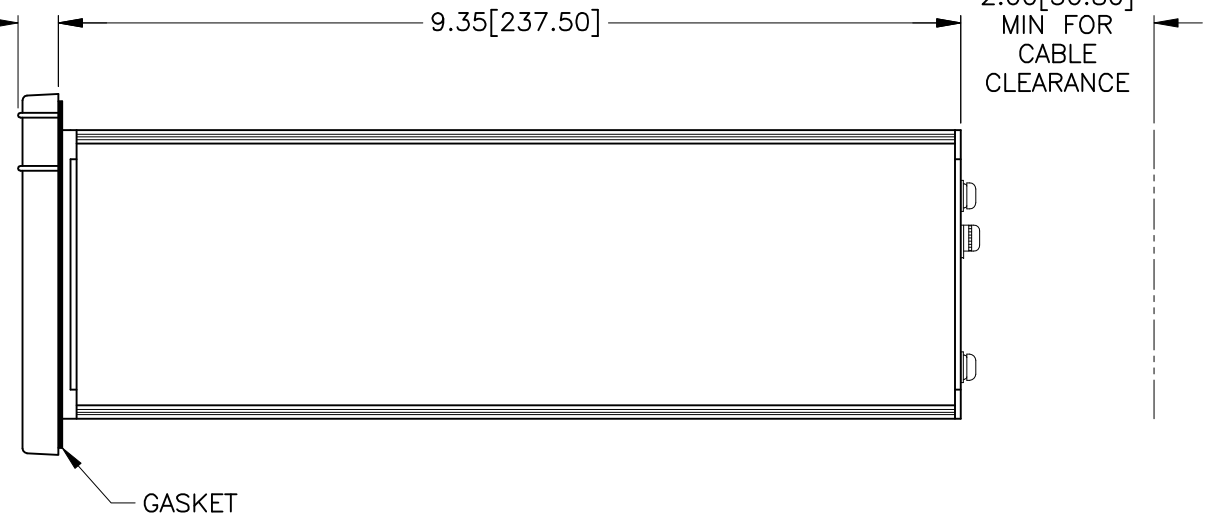
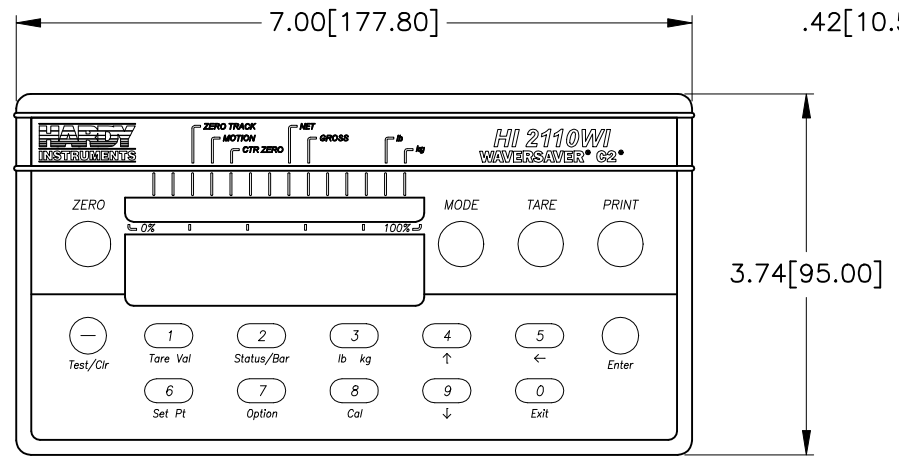
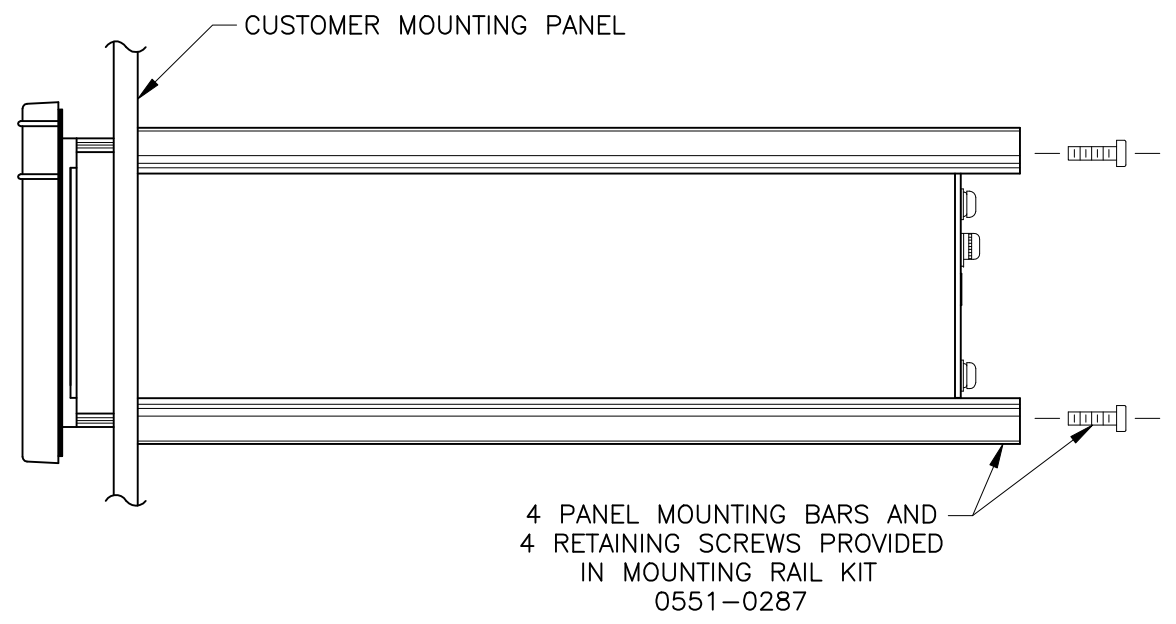
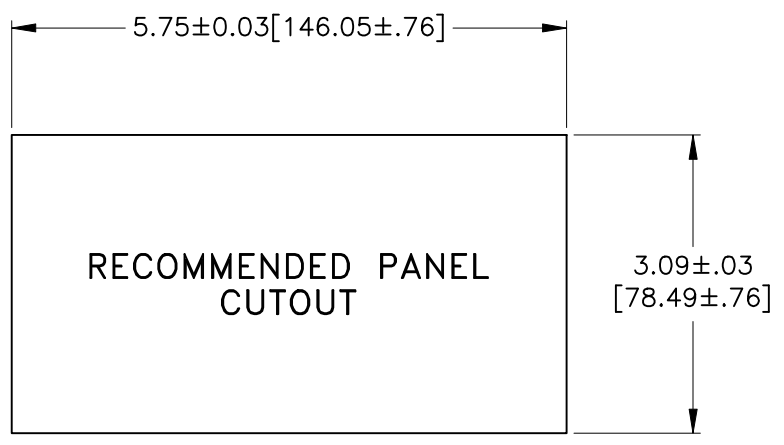


| REV. | ECO/DDC | DESCRIPTION | DATE | DRAFT | CHECK | APV'D |
|------|---------|---|----------|-------|--------|--------|
| A | 07997 | RELEASED FOR PRODUCTION REVISED PER DDC. | 05-18-01 | S.N. | L.B.O. | V.J.C. |

HI 2110WI PANEL MOUNT



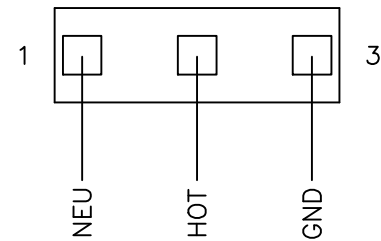
3. INTERCONNECT WIRING FOR UNITS INSTALLED IN HAZARDOUS LOCATIONS TO BE PER NATIONAL ELECTRIC CODE (ANSI/NFPA-70).
2. SEE SHEETS 2 AND 3 FOR CABLE TERMINATIONS.
1. SEE 0596-0252-01 FOR OPERATION AND INSTALLATION MANUAL.

NOTES: UNLESS OTHERWISE SPECIFIED

PROPRIETARY NOTICE
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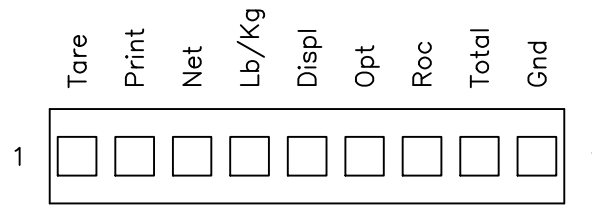
| ITEM | QTY | PART NUMBER | DESCRIPTION | COMMENTS |
|---|-------|--------------|-------------------------------------|---|
| | | 0584-0040 | I/I DIAGRAM, HI 2110WI, PANEL MOUNT | |
| PARTS LIST | | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND [MM]. TOLERANCES ARE: FRACTIONS: N/A DECIMALS: .XX = ±.03 .XXX = ±.010 ANGLES: ±0', 30' | | CONTRACT NO. | | HARDY INSTRUMENTS TITLE I/I DIAGRAM, HI 2110WI, PANEL MOUNT |
| | | APPROVALS | | |
| DRAWN | | DATE | | |
| V. CHULA | | 04-24-00 | | |
| CHECKED | | DATE | | |
| L. OFTEDAHL | | 04-28-00 | | |
| APPROVED | | DATE | | |
| G. INNOCENTI | | 05-02-00 | | |
| FINISH | | DATE | | |
| K. McNULTY | | 05-03-00 | | |
| PRODUCTION | | DATE | | |
| DO NOT SCALE DRAWING | | | | |
| SIZE | FSCM | DRAWING NO. | REV. | |
| D | 21316 | 0584-0040 | A | |
| FILE NAME: 584040A1.DWG | | SCALE: NONE | SHEET 1 OF 3 | |

J6 POWER INPUT



WIRE SIZE: 26 AWG MIN / 14 AWG MAX

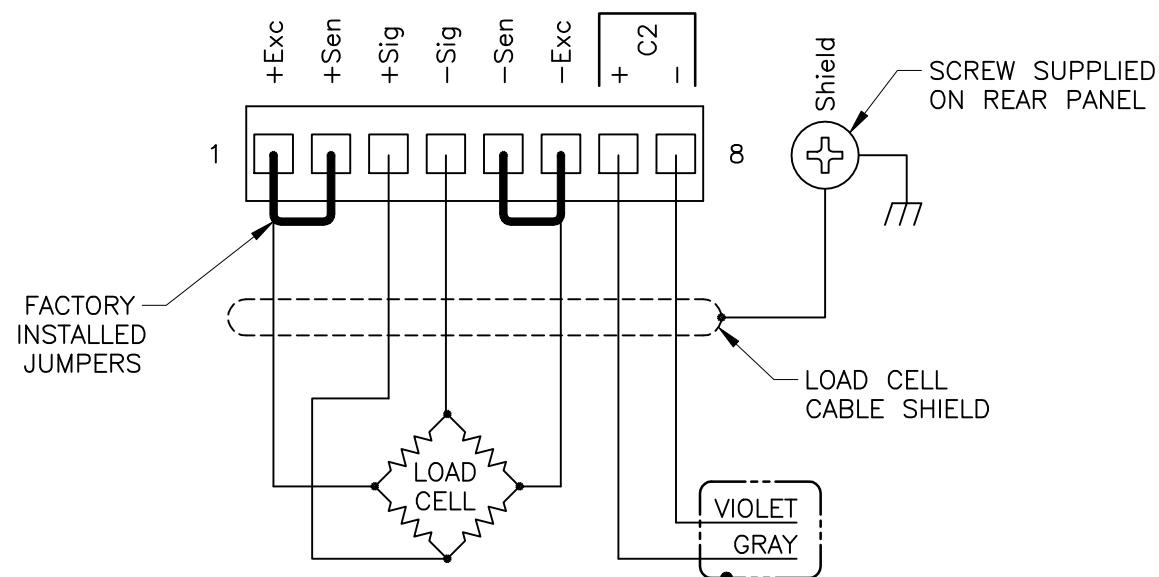
J2 REMOTE FUNCTIONS



NOTES:

1. MOMENTARY FUNCTIONS REQUIRE 100 mSEC OR GREATER TO GND FOR PROPER ACTIVATION, ONLY USE REMOTE FUNCTIONS GROUND (J2 PIN 9) FOR ACTIVATING REMOTE FUNCTION.
2. REMOTE FUNCTIONS ARE NOT ISOLATED. DO NOT BUNDLE WIRING FROM REMOTE FUNCTIONS WITH POWER WIRING, RELAY CABLE OR ANY OTHER HIGH ENERGY CABLES.
3. WIRE SIZE: 22 AWG MIN / 12 AWG MAX.

J1 LOAD CELLS



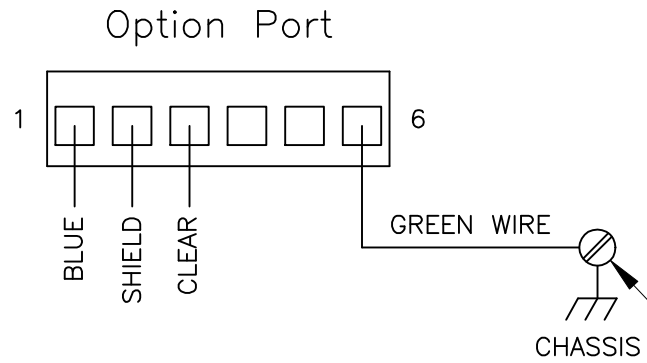
NOTES:

1. DO NOT RUN LOAD CELL CABLE PARALLEL TO, OR IN SAME CONDUIT WITH, POWER WIRING, RELAY CABLE OR OTHER HIGH ENERGY CABLES.
2. FACTORY INSTALLED JUMPERS TO REMAIN IN PLACE FOR FOUR WIRE LOAD CELL CONNECTION. JUMPERS TO BE REMOVED FOR SIX WIRE OR EIGHT WIRE (C2) LOAD CELL CONNECTIONS. EXCITATION AND SENSE WIRES TO BE CONNECTED TOGETHER IN JUNCTION BOX.
3. REQUIRED LOAD CELL CABLE FOR C2 SECOND GENERATION CALIBRATION SYSTEM: HARDY INSTRUMENTS P/N 6020-0001.
4. SEE 0596-0252-01 OPERATION AND INSTALLATION MANUAL FOR ADDITIONAL INFORMATION ON LOAD CELL CONNECTIONS.

TERMINALS FOR C2 SECOND GENERATION CALIBRATION SYSTEM LEAVE THESE TERMINALS UNCONNECTED IF C2 IS NOT USED

| | | | |
|---|---------------|--------------------------|--------------|
| HARDY INSTRUMENTS | | | |
| TITLE I/I DIAGRAM, HI 2110WI, PANEL MOUNT | | | |
| SIZE D | FSCM 21316 | DRAWING NO. 0584-0040 | REV. A |
| FILE NAME: 584040A1.DWG | | SCALE: NONE | SHEET 2 OF 3 |

REMOTE I/O INTERFACE FOR ALLEN-BRADLEY NETWORK OPTION



WIRE: 78 OHM SHIELDED TWISTED PAIR TWINAX CABLE (20 AWG)

| BAUD | JUMPER |
|-----------------|--------|
| 57.6 AND 115.2K | W1 |
| 230.4K | W2 |

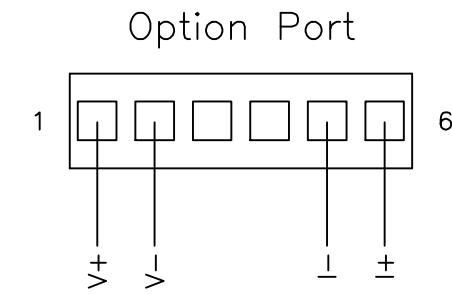
* STANDARD CONFIGURATION: 57.6 AND 115.2K BAUD
 NOTE: FOR MORE INFORMATION, REFER TO 0596-0173 OPERATION AND INSTALLATION MANUAL.

LUG ON GREEN WIRE MUST BE ATTACHED TO INSTRUMENT PANEL. GREEN WIRE AND LUG SUPPLIED BY HARDY INSTRUMENTS

| | |
|-----------------------|----------------------|
| 150 OHM @ 57.6K BAUD | - 10,000 FT (3048 M) |
| 150 OHM @ 115.2K BAUD | - 5,000 FT (1524 M) |
| 82 OHM @ 230.4K BAUD | - 2,500 FT (762 M) |

NOTE: FOR MORE INFORMATION, REFER TO 0596-0173 OPERATION AND INSTALLATION MANUAL.

ANALOG OUTPUT OPTION



WIRE SIZE: 22 AWG MIN / 12 AWG

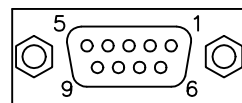
| CURRENT SELECTION | | VOLTAGE SELECTION | |
|-------------------|--------|-------------------|--------|
| CONFIGURATION | JUMPER | CONFIGURATION | JUMPER |
| 0 - 20mA | W1 | 0 - 5 VDC | W3 |
| 4 - 20mA | W2 | 0 - 10 VDC | W4 |

* STANDARD CONFIGURATION: 4 - 20mA, 0 - 10 VDC

NOTE: FOR MORE INFORMATION, REFER TO 0596-0252-01 OPERATION AND INSTALLATION MANUAL.

PROFIBUS OPTION

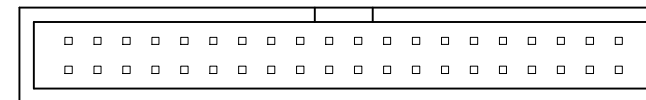
Option Port



| | |
|---|-----------|
| 1 | NC |
| 2 | NC |
| 3 | RXD/TXD-P |
| 4 | CNTR-P |
| 5 | GND |
| 6 | +5V |
| 7 | NC |
| 8 | RXD/TXD-N |
| 9 | NC |

NOTE: FOR MORE INFORMATION, REFER TO 0596-0231-01 OPERATION AND INSTALLATION MANUAL.

BCD OPTION



WIRING: 40 POSITION RIBBON CABLE (SUPPLIED BY HARDY INSTRUMENTS)

| PRINT POLARITY SELECT | PRINT | JUMPER |
|-----------------------|-------|--------|
| | PRINT | W1 |
| | PRINT | W2 |

* STANDARD CONFIGURATION: PRINT

NOTE: FOR MORE INFORMATION, REFER TO 0596-0252-01 OPERATION AND INSTALLATION MANUAL.

HARDY INSTRUMENTS

TITLE
 I/I DIAGRAM, HI 2110WI,
 PANEL MOUNT

| SIZE | FSCM | DRAWING NO. | REV. |
|-------------------------|-------|-------------|--------------|
| D | 21316 | 0584-0040 | A |
| FILE NAME: 584040A1.DWG | | SCALE: NONE | SHEET 3 OF 3 |