

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

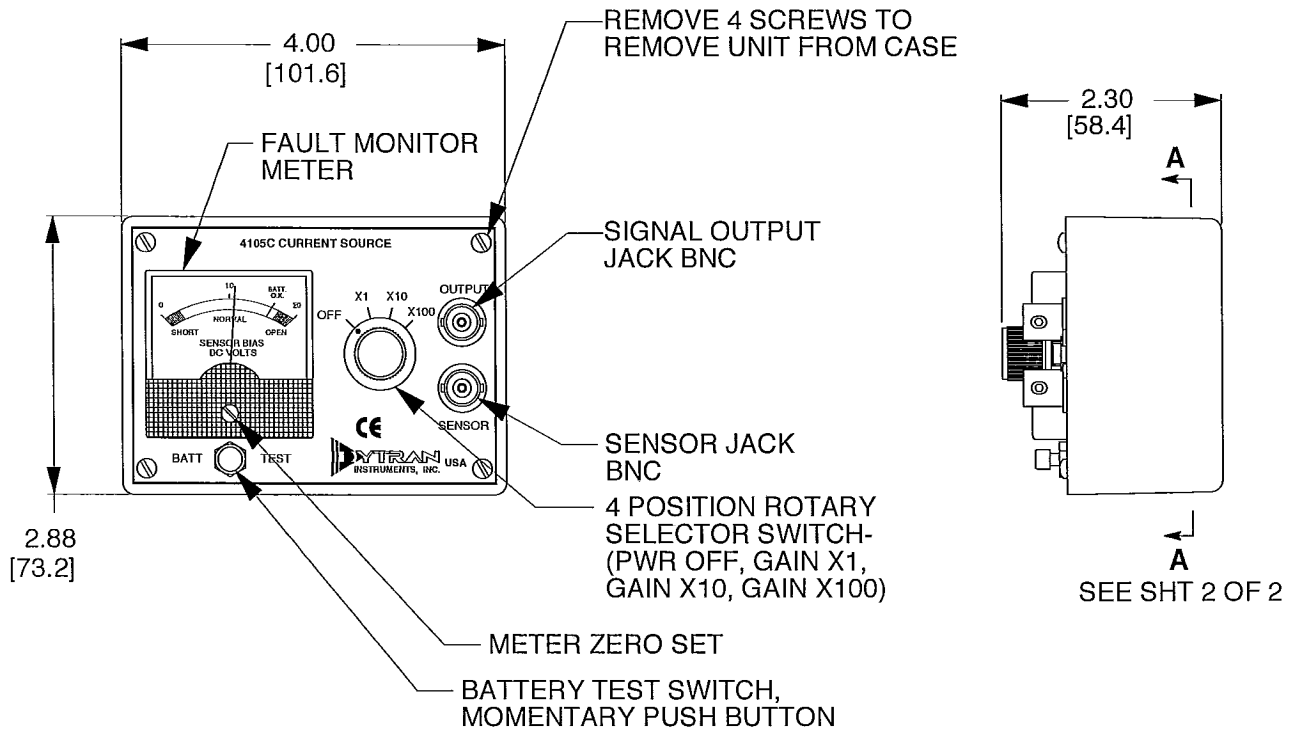
Expert team | Trust guarantee | 100% satisfaction

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REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	9526	SEE ECN	RA, 01/21/13	DV	AS



2. VOLTAGE AT "BATT. O.K." MARK IS 17 VDC.
1. WEIGHT - 312 GRAMS (11 oz.).

NOTES: UNLESS OTHERWISE SPECIFIED

USED ON	NEXT ASSY
APPLICATION	
THIRD ANGLE PROJECTION USA	

UNLESS OTHERWISE SPECIFIED: INTERPRET DIM & TOL PER ASME Y14.5M-1994.REMOVE BURRS COUNTERSINKS INTERNAL THDS 90° TO MAJOR DIA CHAM EXT THDS 45° TO MAJOR DIA.THD LENGTHS AND DEPTHS ARE FOR THDS PER MIL-S-7742.
DIMENSIONS APPLY AFTER FINISHING.

ALL MACHINED SURFACES 63
TOTAL RUNOUT WITHIN .005 BREAK SHARP EDGES .005 TO .010 MACHINE FILLET RADI .005 TO .015. WELDING SYMBOLS PER AWS A2.4
ABBREVIATIONS PER MIL-STD-12

CONTRACT NO

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. DIMENSION IN BRACKETS [ ] ARE IN MILLIMETERS. TOLERANCES ARE:

INCHES	METRIC	ANGLES
.XX ±.03	.X ± 0.8	± 1°
.XXX ±.010	.XX ± 0.25	

FINISH

DO NOT SCALE DRAWING

DYTRAN INSTRUMENTS, INC.

MASTER
ONLY IF IN RED CHATSWORTH, CA.

SCALE 1/2	DESIGN NC	DATE 05/21/96	-	-		
DRAWN DZ	DATE 05/21/96	PART NO. MODEL 4105C				
CHECKED NC	DATE 05/21/96	MAT'L -				REV A
APPROVED PML	DATE 3/28/05	NEXT ASSEMBLY -		USED ON -		

TITLE
OUTLINE/INSTALLATION DRAWING, MODEL 4105C

DWG NO. **127-4105C**

SHEET 1 OF 2

SPECIFICATIONS
MODEL 4105C BATTERY POWERED CURRENT SOURCE
POWER UNIT WITH GAIN X1, X10 & X100 AND OPTIONAL 2-POLE FILTER

SPECIFICATIONS	VALUE	UNITS
SENSOR SUPPLY CURRENT, FIXED	1.4 to 2.6	mA
SENSOR COMPLIANCE VOLTAGE	+18	VDC
VOLTAGE GAINS, ± 1% (switch selectable)	x1, x10, x100	
OUTPUT VOLTAGE SWING, F.S.	± 5	VOLTS
OUTPUT COUPLING CAPACITOR	10	uF
OUTPUT IMPEDANCE	50	OHMS
INPUT COUPLING TIME CONSTANT	5	SECONDS
FREQUENCY RESPONSE (±3dB) MEASURED @ F.S. OUTPUT, NO FILTER INSTALLED: [1]		
GAIN X1	.1 to 100K	Hz
GAIN X10	.1 to 50K	Hz
GAIN X 100	.1 to 50K	Hz
BACKGROUND NOISE, BROADBAND, NO FILTER		
GAIN X 1	0.32	mV RMS
GAIN X 10	0.44	mV RMS
GAIN X 100	2.4	mV RMS
SENSOR CONNECTOR	BNC	JACK
OUTPUT CONNECTOR,	BNC	JACK
BATTERIES (2 SUPPLIED)	9-VOLT TRANSISTOR RADIO DRY CELLS	
BATTERY LIFE, NOMINAL	40	HOURS
SIZE (H x W x D)	2.2 x 4 x 2.9	INCHES
WEIGHT	11/312	OZ/GRAM

[1] FILTER OPTION: FILTER FREQUENCY MUST BE SPECIFIED AT TIME OF PURCHASE. FILTER MAY BE BYPASSED BY JUMPER PLUG ON CIRCUIT BOARD.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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