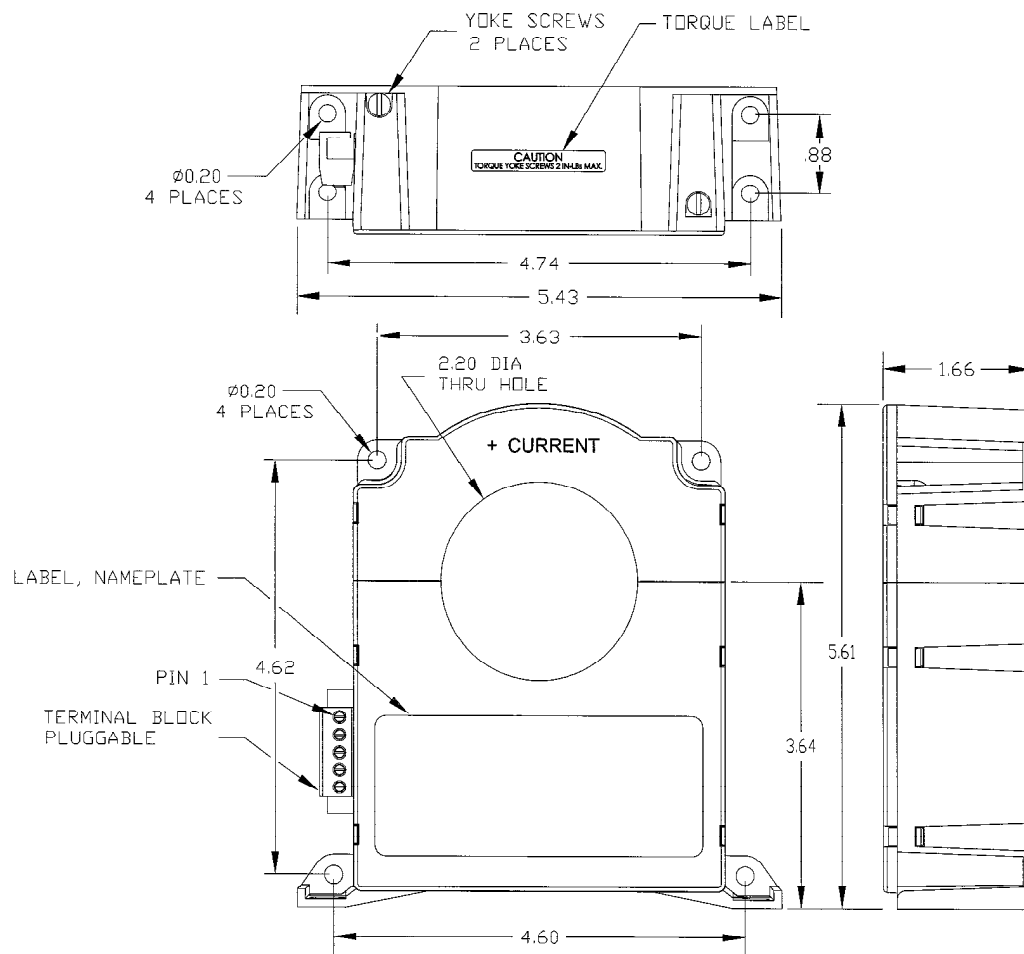


Dimensions in Inches, Tolerances: .XX ± .03 .XXX ± .010

**DC CURRENT TRANSDUCER
SERIES 924
4 TO 20mA 2 WIRE LOOP POWERED
REMOVEABLE YOKE TYPE**



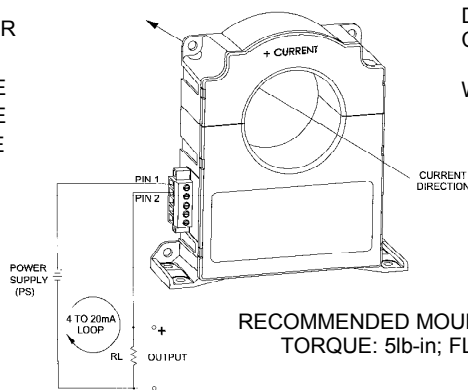
TERMINAL BLOCK

P/N: 120-A-115/05
MFG: WECO (5 PINS)
ACCEPTABLE WIRE: 12-26AWG
WIRE CLAMPING SCREW: M3 SLOT
TORQUE: 4.5MAX in-lb (0.51max Nm)
SCREWDRIVER: 1/8" SLOTTED HEAD
9/16" MIN SHAFT LENGTH

TERMINAL IDENTIFICATION

1. POWER
2. RTN
3. SPARE
4. SPARE
5. SPARE

YOKE CAPTIVE SCREWS: 8-32 SLOT
TORQUE: 2 in-lb **CAUTION DO NOT EXCEED.**
SCREWDRIVER: 7/32" SLOTTED HEAD
1 1/2" MIN SHAFT LENGTH



RECOMMENDED MOUNTING SCREWS: 10-32 x 1/4" MIN;
TORQUE: 5lb-in; FLAT AND LOCK WASHERS.

**PART
NUMBER**

PART NUMBER	CURRENT RANGE
924-500	0 to 500
924-750	0 to 750
924-1000	0 to 1000
924-1500	0 to 1500
924-2000	0 to 2000
924-2500	0 to 2500
924-3000	0 to 3000
924-3500	0 to 3500
924-4000	0 to 4000
924-5000	0 to 5000

INPUT

RANGE	Adc (See Table)
OVERLOAD	±10kAdc

OUTPUT

CURRENT SIGNAL	4 to 20mAdc FS (Full Scale)
ACCURACY (Over Temperature Range)	%1 FS
RESPONSE (10 to 90%)	250 u-sec. max.
LOAD RESISTANCE (RL)	250 Ohms Nominal
LOAD RESISTANCE RANGE	0 TO 300 Ohms
CURRENT SIGNAL @ OVERLOAD	24mA typ.
PROTECTION	Reverse polarity Protection

POWER SUPPLY (PS)

SUPPLY VOLTAGE	+12Vdc to +32Vdc
CURRENT DRAIN	4 to 24mAdc
PROTECTION	Reverse polarity protected
TRANSIENT PROTECTION	±80V (T<5mS)

ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE	-40° to +85°C
STORAGE TEMPERATURE RANGE	-45° to +91°C
HUMIDITY (Operating)	0% to 95%RH
ISOLATION	Input to output 5Kv RMS 60Hz
SHOCK	50g 11m-sec. half sine pulse
INSULATION RESISTANCE	500 M-Ohms @ 500Vdc
DIELECTRIC STRENGTH	5Kvac rms input to output
CASE MATERIAL	Molded Plastic meets UL flammability rating 94V-O (color light gray)
WEIGHT	24 oz. Max.

AAC

**Drawing Number
700-924**

**Rev.
C**