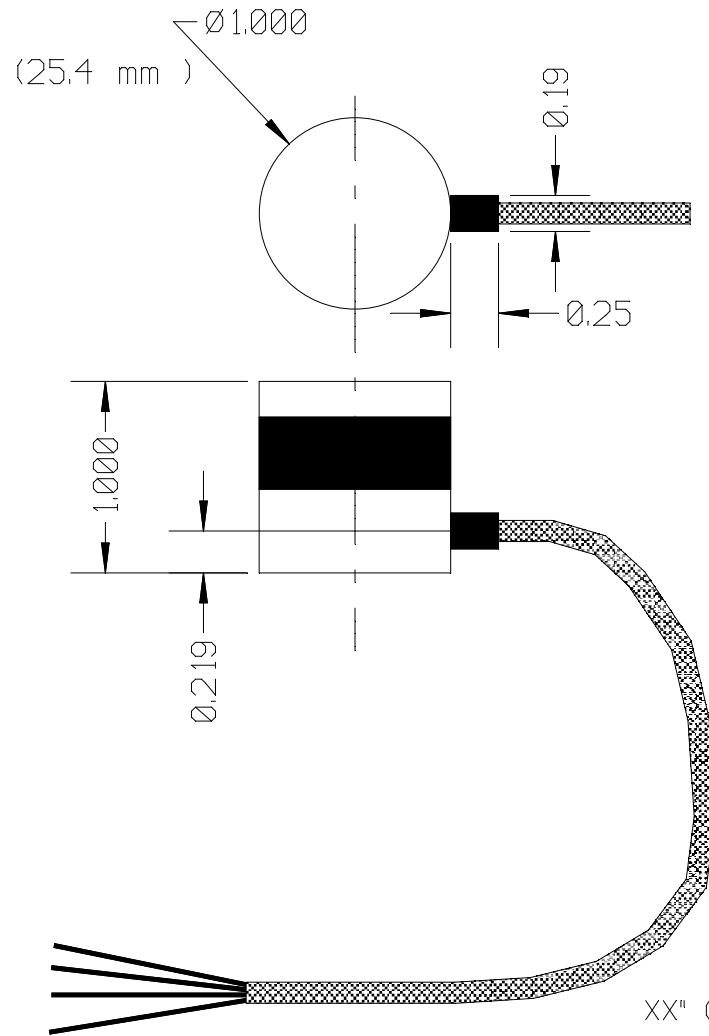


REV	DATE	DESCRIPTION	ECO	SIGN
1	09/08/97	RELEASE TO PILOT	546	RAB



SPECIFICATIONS:

RATED CAPACITY	27,000 POUNDS
RATED OUTPUT	2 mV/V typical
COMBINED ERROR	0.5 %
NON-REPEATABILITY	0.05 %
ZERO BALANCE	± 1 %
TEMPERATURE RANGE, COMPENSATED	+14 TO 104° F
TEMPERATURE EFFECT, OUTPUT	0.014 % / ° F
TEMPERATURE EFFECT, ZERO BALANCE	0.05 % / ° F
INPUT / OUTPUT IMPEDANCE	350 OHMS, typical
EXCITATION VOLTAGE (typical)	10 VDC or VAC rms
EXCITATION VOLTAGE, MAXIMUM	15 VDC or VAC rms
INSULATION RESISTANCE	5,000 MEG OHMS @ 50 VDC
MAXIMUM LOAD, SAFE	150 % F.S.
MAXIMUM LOAD, ULTIMATE	200 % F.S.

WIRE COLOR CODE:

+ EXCITATION	YELLOW
- EXCITATION	BLACK
+ SIGNAL	WHITE
- SIGNAL	RED
SHIELD	1 OHM TO ELEMENT*

*(DYNAMIC LOAD CELL USED WITH T.T.I. PRODUCTION / LOAD MONITOR.)

XX" OF SENSOR CABLE, 0.110" DIA. TTI NO.2043
 OPTIONAL LEMO 0B PLUG CONNECTOR*
 (NOT SHOWN)

TOLERANCES UNLESS OTHERWISE SPECIFIED:

XXX = ± 0.005
 .XX = ± 0.015
 .X = ± 0.025

SCALE: FULL

FINISH: 64 MICRO INCH OR LESS

MAT'L: TOOL STEEL

HARDNESS: ELEMENT Rc 46-50



TOLEDO
 TRANSDUCERS,
 INC.

Designed By: Mettert

Date: 7/21/97

Title / Description:
 BACK-UP LOAD CELL

Part No. SS1164

Drawn By:

Date:

File Name
 10441SP.fcd

Approved By:

Date:

Dwg.Size: A
 Dwg. Type: SPEC

Doc. No. 10441