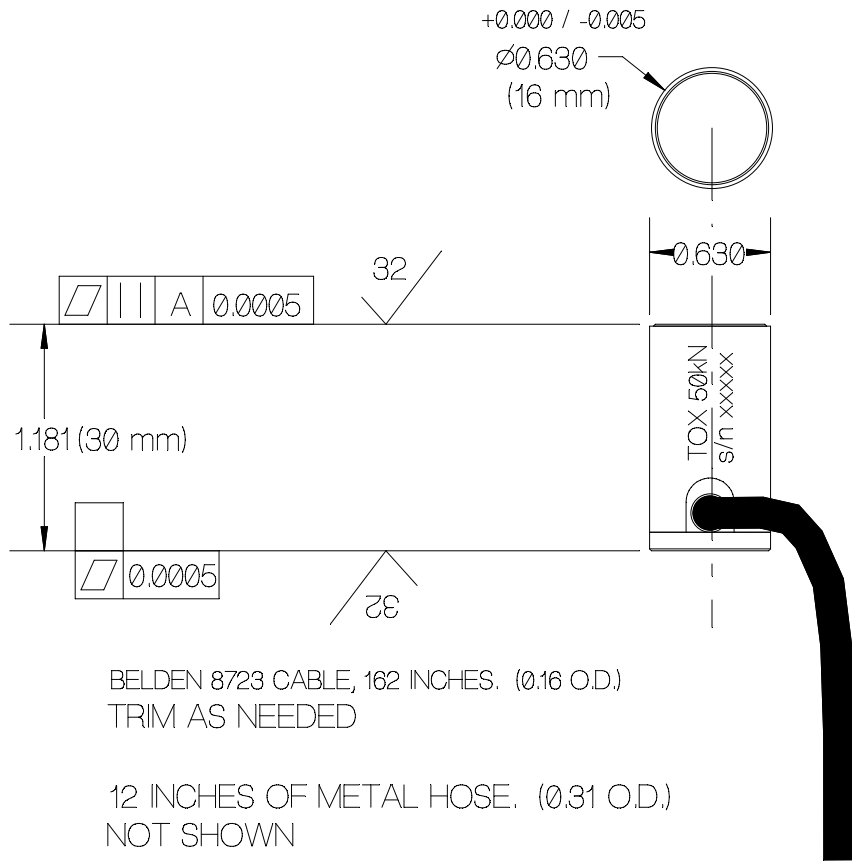


REV	DATE	DESCRIPTION	ECO	SIGN
1		RELEASE TO PILOT		



SPECIFICATIONS:

RATED CAPACITY	50kN
RATED OUTPUT, matched	2 ± 0.01 mV/V
COMBINED ERROR	± 0.25 %
NON-REPEATABILITY	< 0.05 %
ZERO BALANCE	(0.000 to 0.050 mV/V) 0/+ 3 %
TEMPERATURE RANGE, COMPENSATED	+60 TO 160° F
TEMPERATURE EFFECT, OUTPUT	0.015 % of Load / ° F
TEMPERATURE EFFECT, ZERO BALANCE	Not rated
INPUT IMPEDANCE	1,000 TO 1,800 OHMS, typical
OUTPUT IMPEDANCE	1,000 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.
DEFLECTION AT RATED CAPACITY, APPROXIMATE	0.002 in.
CONSTRUCTION	ALLOY STEEL

PIN COLOR CODE:

- + EXC. RED
- SIG. GREEN
- EXC. BLACK
- + SIG. WHITE
- SHLD. AND ALL COND. < 5KMEG to ELEMENT

TOLERANCES UNLESS OTHERWISE SPECIFIED:

XXX = ± 0.005

XX = ± 0.015

X = ± 0.025

SCALE: FULL

FINISH: AS NOTED

MAT'L: ALLOY TOOL STEEL

HARDNESS: Rc 40-46



TOLEDO
TRANSDUCERS,
INC.

Designed By: METTERT

Date: 1/25/06

Drawn By:

Date:

Approved By:

Date:

Title / Description:

SS1486-50kN
COMPRESSION LOAD CELL
MACHINED ELEMENT

Dwg Size: Dwg. Type:

A

SPEC

Page 1 of 1

Part No.

SS1486-50kN

File Name

16093SP.FCD

Doc. No.

16093