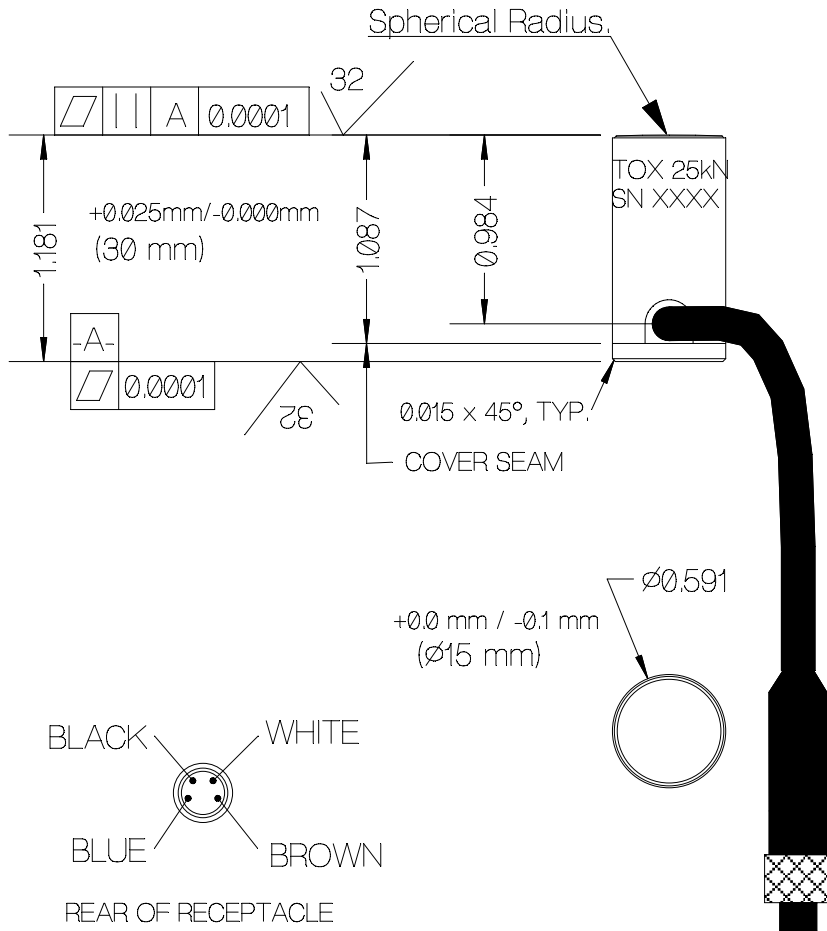


REV	DATE	DESCRIPTION	ECO	SIGN
1				



SPECIFICATIONS:

RATED CAPACITY	25kN
RATED OUTPUT, typical	2 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 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	25kN
MAXIMUM LOAD, ULTIMATE	50kN
DEFLECTION AT RATED CAPACITY, APPROXIMATE	0.002 in.
CONSTRUCTION	ALLOY STEEL
COVER	STAINLESS STEEL

WIRE COLOR CODE:	PIN NO.
+EXCITATION BROWN	1
-SIGNAL WHITE	2
-EXCITATION BLUE	3
+ SIGNAL BLACK	4
1 WIRE GRAY	5



TURCK PKGM-4/S90/S618, ORDER NO. (4247-222)

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: 5/25/05

Drawn By:

Date:

Approved By:

Date:

Title / Description:

SS1520-25kN mV/V  
COMPRESSION LOAD CELL  
SPECIFICATION

Dwg Size: A  
Dwg. Type: SPEC

Page 1 of 1

Part No.

SS1520-25kN

File Name

16285

Doc. No.

16285