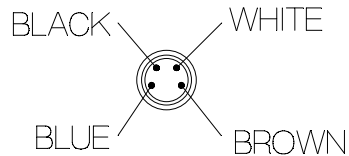
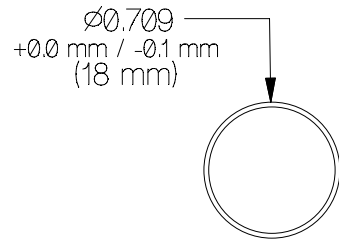
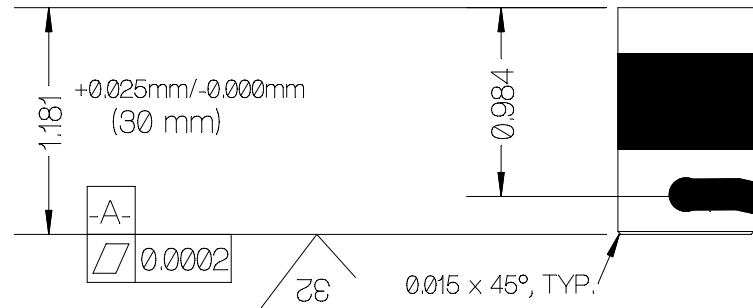


REV	DATE	DESCRIPTION	ECO	SIGN
1	11/20/14	RELEASE TO PILOT		



REAR OF RECEPTACLE

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

SPECIFICATIONS:

RATED CAPACITY	100kN
RATED OUTPUT, typical	3 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	100kN
MAXIMUM LOAD, ULTIMATE	200kN
DEFLECTION AT RATED CAPACITY, APPROXIMATE	0.003 in.
CONSTRUCTION	Alloy Steel

10 METER CABLE, 0.161 IN. O.D.

TOLERANCES UNLESS OTHERWISE SPECIFIED:

XXX = ± 0.005

XX = ± 0.015

X = ± 0.025

FINISH: AS NOTED

SCALE: FULL



TOLEDO
TRANSDUCERS,
INC.

Designed By: METTERT

Date: 11/20/14

Drawn By:

Date:

Approved By:

Date:

Title / Description:

SS1701-100kN mV/V
COMPRESSION LOAD CELL
SPECIFICATION

Dwg. Size: A
Dwg. Type: SPEC

Page 1 of 1

Part No.

SS1701-100kN

File Name

13973SP.FCD

Doc. No.

13973