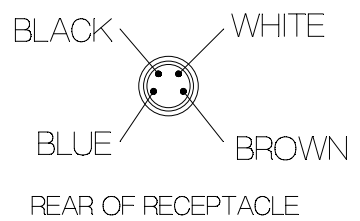


REV	DATE	DESCRIPTION	ECO	SIGN
1	9/22/2010	RELEASE FOR QUOTE		BKM
A	2/4/11	SHOULDER BOLT CHANGED TO M4, Output was 1mV/V		BKM

SPECIFICATIONS:

RATED CAPACITY	10kN
RATED OUTPUT, matched	2.00 ± 0.02 mV/V
COMBINED ERROR	± 0.5 %
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	350 OHMS, typical
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	400 % F.S.
MAXIMUM LOAD, ULTIMATE	600 % F.S.
DEFLECTION AT RATED CAPACITY, APPROXIMATE	0.0006 in.
CONSTRUCTION	ALLOY STEEL
COVER	STAINLESS STEEL



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



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

TOLERANCES UNLESS OTHERWISE SPECIFIED:	
XXX = ± 0.005	SCALE: FULL
XX = ± 0.015	
X = ± 0.025	
FINISH: AS NOTED	
MAT'L: ALLOY TOOL STEEL	
HARDNESS: Rc 40-46	



Designed By:	METTERT
Drawn By:	
Approved By:	

Date:	9/22/2010
Date:	
Date:	

Title / Description:	
SS1593-10kN, 2.0 mV/V	
COMPRESSION LOAD CELL	
SPECIFICATION	
Dwg. Size:	A
Dwg. Type:	SPEC
Page 1 of 1	

Part No.	SS1593-10kN
File Name	16894
Doc. No.	16894