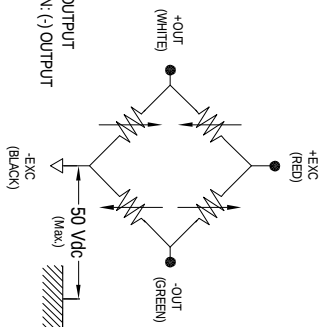
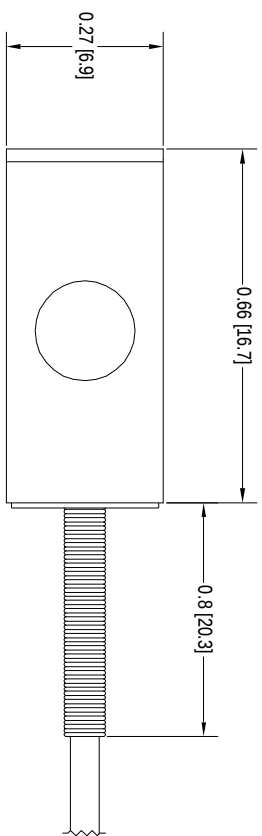
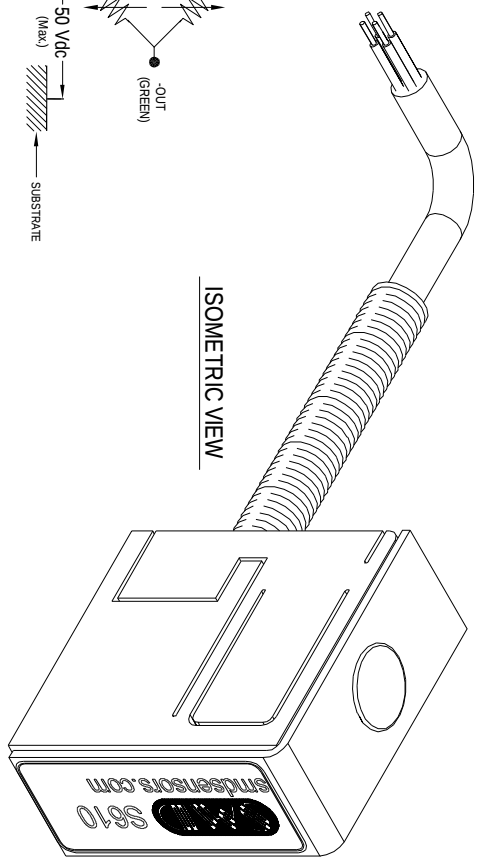




ELECTRICAL SCHEMATIC

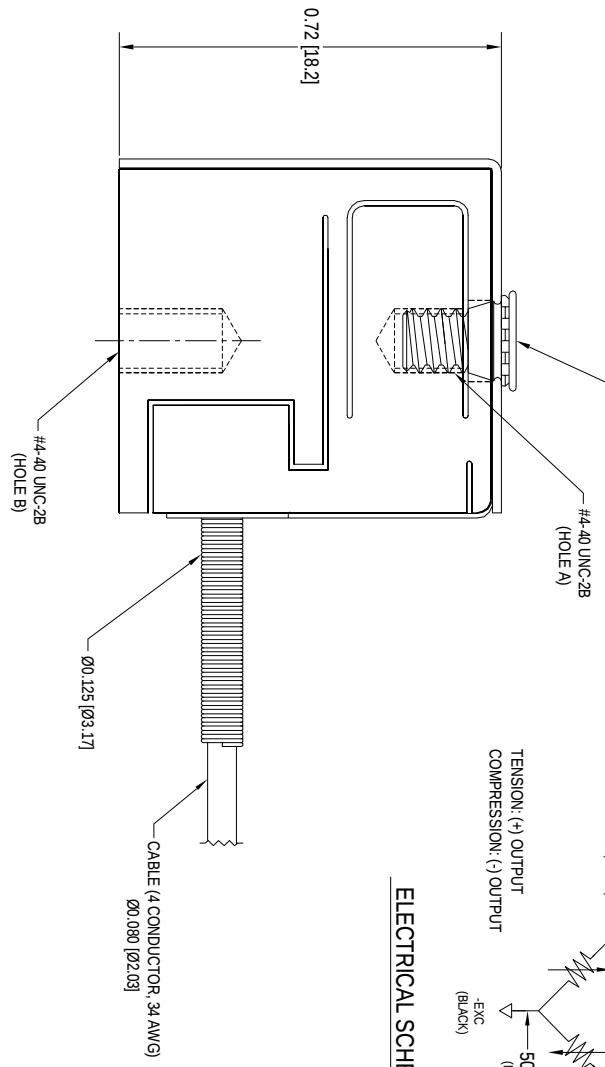


ISOMETRIC VIEW

SPECIFICATIONS:

CAPACITIES:
RATED OUTPUT:
ZERO OFFSET:
OVERLOAD:
EXCITATION RECOMMENDED:
BRIDGE RESISTANCE:
BRIDGE CONFIGURATION:
INSULATION RESISTANCE:
OPERATING TEMP. RANGE:
CALIBRATED TEMP. RANGE:
TEMP. EFFECT ON ZERO BALANCE:
TEMP. EFFECT ON SPAN:
NONLINEARITY:
HYSTERESIS:
NONREPEATABILITY:
ELECTRICAL CONNECTION:

100g, 250g, 1lb, 2lbs, 5lbs, 10lbs, 25lbs, 50lbs, 100lbs
2 mV/V NOMINAL (EXCEPT 100g:15 mV/V)
±0.06 mV/V
>1000% RO
UP TO 20 Vdc
3,000Ω ±4%
4 WIRE CLOSED BRIDGE
>1000MΩ @ 50 Vdc
-40°C TO +105°C
0°C TO +90°C
±0.018% RATED OUTPUT/°C
+0.035% READING/°C
±0.1% RO
<0.08% RO
<0.04% RO
4 CONDUCTOR SHIELDED, 34AWG, 5 FEET LONG



CAPACITY	DEPTH (HOLE A)	DEPTH (HOLE B)	ITEM NO.
100g	0.170 [4.31]	0.213 [5.41]	SMD3465-0100
250g	0.171 [4.34]	0.213 [5.41]	SMD3465-0250
1lb	0.174 [4.41]	0.213 [5.41]	SMD3465-001
2lbs	0.178 [4.52]	0.213 [5.41]	SMD3465-002
5lbs	0.187 [4.74]	0.213 [5.41]	SMD3465-005
10lbs	0.202 [5.13]	0.213 [5.41]	SMD3465-010
25lbs	0.243 [6.17]	0.213 [5.41]	SMD3465-025
50lbs	0.266 [6.75]	0.213 [5.41]	SMD3465-050
100lbs	0.298 [7.57]	0.213 [5.41]	SMD3465-100



UNLESS OTHERWISE SPECIFIED:

X/X = 1/64"
X = ±.030"
X.X = ±.010"
Xmm = ±0.5mm
X.Xmm = ±0.3mm
X.XXXmm = ±0.19mm
ANGLES = ±2°

STRAIN MEASUREMENT DEVICES

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TITLE: S610 OUTLINE DRAWING				REV:	1
DWG No.	DATE:	SCALE	NONE	DIM:	INCHES [mm]
SMD3465	09/09/02				