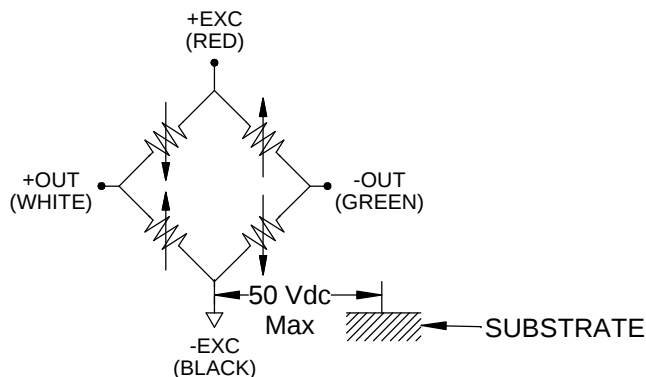
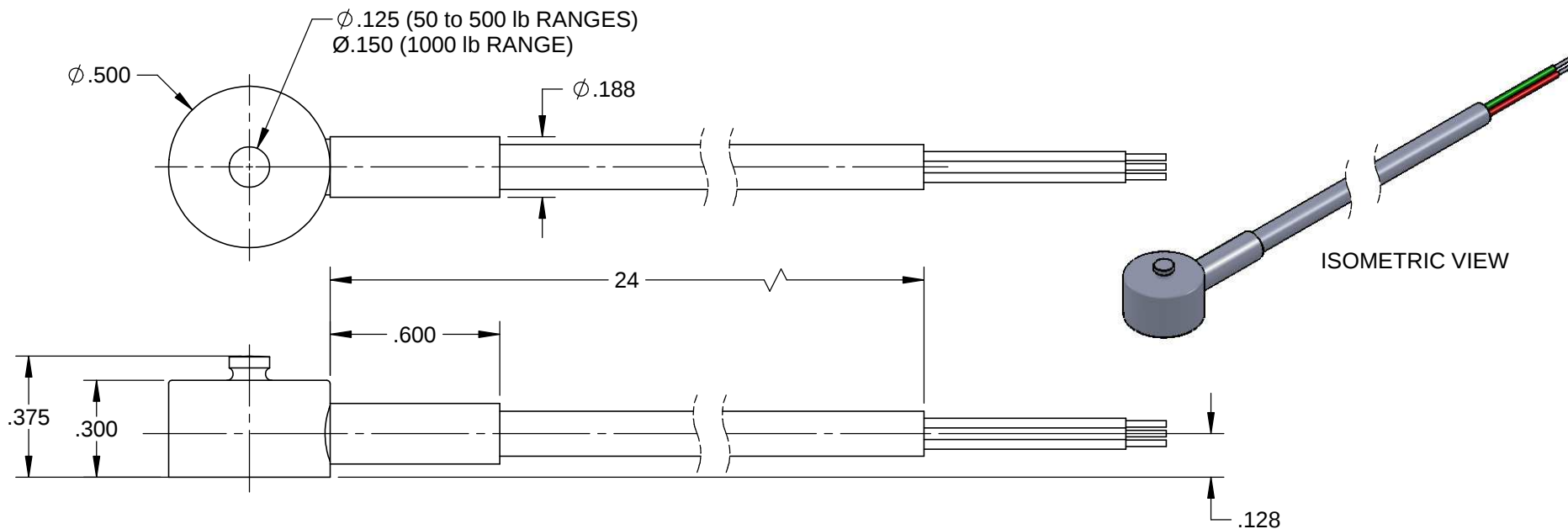


**ELECTRICAL SCHEMATIC**

SMD P/N	RANGE (lbs)
SMD2094-050	50
SMD2094-100	100
SMD2094-250	250
SMD2094-500	500

SPECIFICATIONS:

FULL SCALE OUTPUT:	2mV/V NOMINAL
MAXIMUM LOAD:	150% OF FULL SCALE
TEMPERATURE EFFECT ON ZERO:	±0.038% FSO/°C
TEMPERATURE EFFECT ON SPAN:	±0.025% READING/°C
OPERATING TEMPERATURE:	-15 TO +85°C
EXCITATION VOLTAGE (RECOMMENDED):	10V dc (15V dc MAX)
BRIDGE CONFIGURATION:	FULL BRIDGE
BRIDGE RESISTANCE:	350 OHMS
ZERO BALANCE:	±2% FSO
NONLINEARITY:	±0.1% FSO
HYSTERESIS:	±0.05% FSO
NONREPEATABILITY:	±0.03% FSO
BODY MATERIAL:	15-5PH STAINLESS STEEL
CABLE LENGTH (STANDARD):	24 INCHES
CABLE TYPE:	4 CONDUCTOR, SHIELDED, DRAIN WIRE

STRAIN MEASUREMENT DEVICES

UNLESS OTHERWISE SPECIFIED:

BREAK SHARP EDGES .003-.015
SURFACES TO BE SQUARE &/OR PARALLEL W/IN .005
X/X = 1/64" .XXX = ±.005"
.X = ±.030" .XXXX = ±.001"
.XX = ±.010 ANGLES = ±2° SURFACE FINISH 32/

BREAK SHARP EDGES .08-.4
SURFACES TO BE SQUARE &/OR PARALLEL W/IN .127
.Xmm = ± 0.5mm
X.XXmm = ± 0.3mm
X.XXXmm = ± 0.15mm

ANGLES = ±2°
SURFACE FINISH 0.8/

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TITLE: S400 OUTLINE DRAWING

DWG No. **SMD2094** DIM: INCHES REV 12