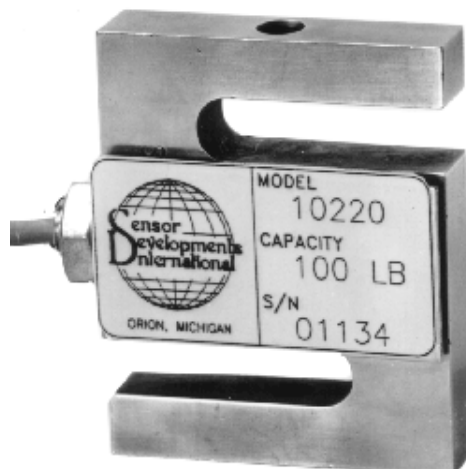


10220

"S" TYPE FORCE SENSOR

This is a true multipurpose force sensor useful in tension and compression. This environmentally sealed S-beam force sensor is designed to provide all of the advantages of the beam structure for close tolerance measurement of low and medium forces. the model 10220 "S" type force sensor is also used in process plants for tank and hopper weighing, new flexure-based scales, and many "in-line" measurement applications.

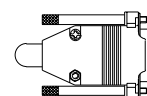
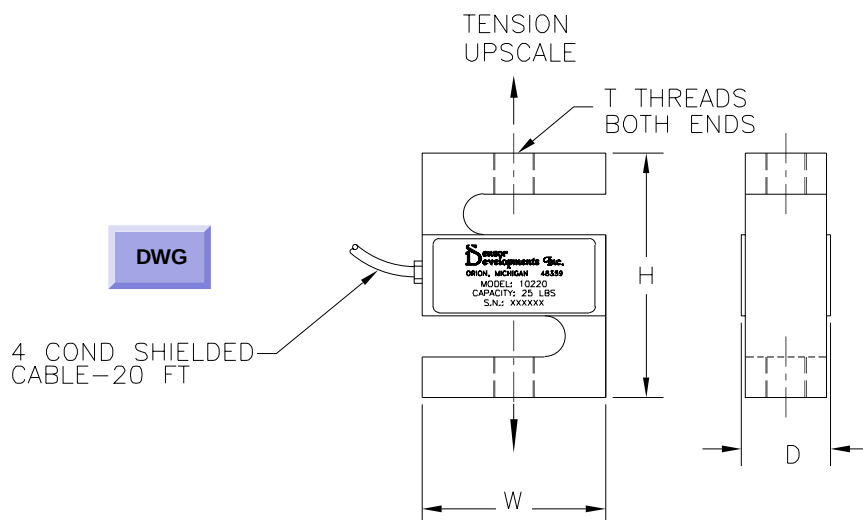


SPECIFICATIONS

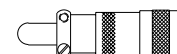
Capacities..... 25 - 20,000 lb. (See chart)
 Overload capacity..... 150% of F.S.
 Output at F.S..... 3.0 mV/V nominal
 Non-linearity..... 0.05% of F.S.
 Hysteresis..... 0.05% of F.S.
 Zero balance..... 1.0% of F.S.
 Compensated temperature..... 70 to 170°F
 Useable temperature..... -65 to +250°F
 Temperature effect on zero..... 0.002% of F.S./°F
 Temperature effect on span.... 0.002% of Rdg./°F
 Bridge resistance..... 350 Ohms
 Excitation voltage, maximum..... 20 Vdc
 Material..... Nickel plated alloy steel

DIMENSIONS

MODEL	CAPACITY	H	W	D	T
	LBS				
10220-250	25	2.50	2.00	0.75	1/4 - 28 UNF-2B
10220-051	50				
10220-012	100				
10220-251	250				
10220-052	500		1.00	1/2 - 20 UNF-2B	
10220-751	750				
10220-013	1000				
10220-152	1500				
10220-252	2500	4.00	3.00	1.25	3/4 - 16 UNF-2B
10220-033	3000				
10220-053	5000				
10220-014	10000				
10220-153	15000				
10220-024	20000				



OPTIONAL AUTO ID
 10220-XXX-A0000



OPTIONAL 4 PIN
 10220-XXX-F0000
 MATING CONNECTOR SUPPLIED