

Model 355

Vishay Tedea-Huntleigh

Welded, Hermetically Sealed Load Cell

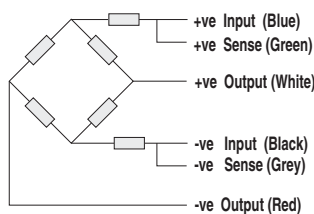


SPECIFICATIONS

PARAMETER	VALUE				UNIT
Rated capacity-R.C. (E_{max})	5, 10, 20, 30, 50, 100, 200, 250, 500				kg
NTEP/OIML Accuracy class	NTEP	Non-Approved	C3*	C4**	
Maximum no. of intervals (n)	4000 single	1000	3000	4000	
$Y = E_{max}/V_{min}$	5800	3333	15000	13333	Maximum available
Rated output-R.O.	2.0				mV/V
Rated output tolerance	0.2				±mV/V
Zero balance	0.2				±mV/V
Zero Return, 30 min.	0.0250	0.0500	0.0170	0.0130	±% of applied load
Total Error	0.0200	0.0300	0.0200	0.0150	±% of rated output
Temperature effect on zero	0.0023	0.007	0.0011	0.0011	±% of rated output/°C
Temperature effect on output	0.001	0.0040	0.0010	0.0008	±% of applied load/°C
Temperature range, compensated	-10 to +40				°C
Temperature range, safe	-20 to +70				°C
Maximum safe central overload	150				% of R.C.
Ultimate central overload	300				% of R.C.
Excitation, recommended	10				Vdc or Vac rms
Excitation, maximum	15				Vdc or Vac rms
Input impedance	380±10				Ohms
Output impedance	350±3				Ohms
Insulation resistance	>2000				Mega-Ohms
Cable length	3				m
Cable type	6 wire, braided, Polyurethane, dual floating screen				Standard
Construction	Stainless steel				
Environmental protection	IP68				
Recommended torque	22.0				N*m

* 20% utilization
 ** 30% utilization

Wiring Schematic Diagram



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