

SPECIFICATIONS

PARAMETER	VALUE				UNITS
Rated capacity-R.C. (E_{max})	1, 3, 5, 7, 10, 15, 20, 30, 50, 75, 100, 150, 250***				kg
NTEP/OIML Accuracy class	NTEP	Non-Approved	C3*	C6**	
Maximum no. of intervals (n)	5000 single	1000	3000	6000*****	
$Y = E_{max}/V_{min}$	10000	3333	15000	15000	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.	0.0330	0.0300	0.0170	0.0083	±% of applied load
Total Error (per OIML R60)	0.0200	0.0500	0.0200	0.0100	±% of rated output
Temperature effect on zero	0.0023	0.0100	0.0023	0.0024	±% of rated output/°C
Temperature effect on output	0.001	0.0030	0.0010	0.00058	±% of applied load/°C
Eccentric loading error	0.0057	0.0085	0.0049	0.0024	±% of rated load/cm
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	415±15				Ohms
Output impedance	350±3				Ohms
Insulation resistance	>2000				Mega-Ohms
Cable length	1****				m
Cable type	6wire, PVC, single floating screen				Standard
Construction	Plated (Anodize) aluminum				
Environmental protection	IP66				
Platform size (max)	400 x 400				mm
Recommended torque	Up to 30kg: 7.0 35kg & up: 10.0				N*m

* 50% utilization

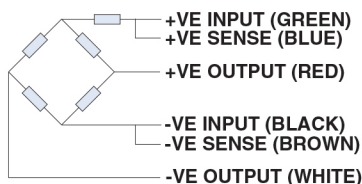
** 60% utilization

*** 1kg is not approved by OIML, 150 and 250kg are not approved by NTEP

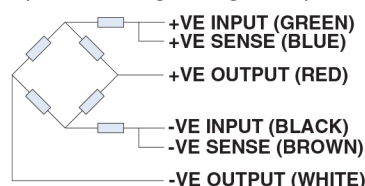
**** 20kg and up are 2 sided and the cable goes out of the side

***** 6000 divisions from 20kg to 100kg

WIRING SCHEMATIC DIAGRAM
(unbalanced bridge configuration)



WIRING SCHEMATIC DIAGRAM
(balanced bridge configuration)



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