

Medium-Profile Aluminum Load Cell

SPECIFICATIONS					
PARAMETER	VALUE				UNIT
Rated capacity - R.C. (E_{max})	10, 15, 20, 30, 35				kg
NTEP/OIML accuracy class ⁽¹⁾	NTEP	Non-Approved	C3 ⁽²⁾	C3MR10 ⁽³⁾	
Maximum no. of intervals _(n)	5000 single	1000	3000	3000	
$Y = E_{max}/V_{min}$	10000	2000	6000	10000	Maximum available 15000 ⁽¹⁾
Rated output - R.O.	2.0				mV/V
Rated output tolerance	0.2				±mV/V
Zero balance	0.1				±mV/V
Zero return, 30 min.	0.0100	0.0500	0.0170	0.0170	±% of applied load
Total error (per OIML R60)	0.0200	0.0200	0.0200	0.0200	±% of rated output
Temperature effect on zero	0.0014	0.0070	0.0023	0.0014	±% of rated output/°C
Temperature effect on output	0.0010	0.0030	0.0010	0.0010	±% of applied load/°C
Eccentric loading error	0.0042	0.0074	0.0049	0.0049	±% of rated load/cm
Maximum rec. platform size	35 x 35				cm
Temp. range, compensated	-10 to +40				°C
Temp. range, safe & storage	-30 to +70				°C
Maximum safe central overload	150				% of R.C.
Ultimate central overload	250				% of R.C.
Excitation, recommended	10				VDC or VAC RMS
Excitation, range	5...15				VDC or VAC RMS
Input impedance	350...445				Ω
Output impedance	349...360				Ω
Insulation resistance	>2000				MΩ @50 VDC
Cable length	0.5				m
Cable type	4 ⁽⁴⁾ wire, shielded, PVC jacket, floating shield				Standard
Construction	Anodized aluminum				
Environmental protection	IP66				
Recommended mounting torque	10.0				N*m

⁽¹⁾ OIML & NTEP approvals pending

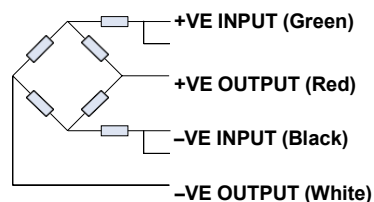
⁽²⁾ 50% utilization

⁽³⁾ 30% utilization

⁽⁴⁾ Options: 6-wire cable

All specifications subject to change without notice.

WIRING SCHEMATIC DIAGRAM
 (Balanced bridge configuration)



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