

1040 LOAD CELL

NIKA®

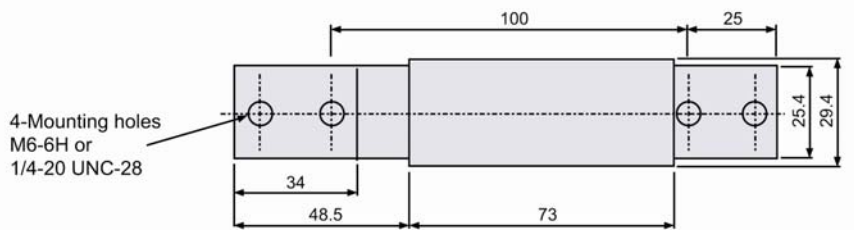
GRADE	E	F	G**	C3***	UNITS
Rated Capacities	5, 7, 10, 15, 20, 30, 50, 75, 100.				kg
Rated Output	2.0±10%				mv/v
Total Error*	0.030	0.020	0.0200	0.0200	±% of Applied Load
Zero Return after 30 mins	0.050	0.025	0.0170	0.0170	±% of Applied Load
Temperature Effect : On Output	0.0030	0.0014	0.0010	0.0010	±% of Applied Load /°C
: On Zero	0.0100	0.0060	0.0040	0.0023	±% of Rated Load Output /°C
Eccentric Loading	0.0074	0.0074	0.0049	0.0049	±% of Applied Load/cm
Zero Balance	10.0				±% of Rated Output
Temperature range : Operating	-30 to + 70				°C
: Compensated	-10 to + 40				°C
Safe Overload	150				% of Rated Capacity
Ultimate Overload	300				% of Rated Capacity
Excitation : Recommended	10				Volts AC or DC
: Maximum	15				Volts AC or DC
Input Impedance	415±15				Ohms
Output Impedance	350±3				Ohms
Insulation Impedance	1040: >5000				MegaOhms
Deflection of Rated Capacity	<0.4				mm
Weight :	1040 : 0.35				kg
Construction	1040 : Anodised aluminum				
Environmental Protection	1040 : IP54 (IP67 Optional)				
Cable	1 Meter Standard (0.5m 1041), 6 Wire, PVC, Single Floating Screen				

*Total Error – According to OIML R60

**85% utilization.

*** Consult factory for utilization factors.

Outline Dimensions All Capacities in mm



Wiring Schematic Diagram (1040 balanced bridge configuration)

