

# 1040

Platform Load Cell

**SENSOR**  
TECHNIQUES LIMITED



## Platform Load Cell, Model 1040

- Approved to OIML R60 3000 D
- Maximum platform size 400 x 400 mm
- Available in capacity ranges from 5kg to 100kg
- Ideal for bench scales, filling and dosing machines
- Robust aluminium construction
- Triple beam system with a high natural frequency
- 6 wire cable with Sense and Drain connections
- Optional Environmental sealing to IP67 (Sylgard)

GRADE		E	G	C3
Number of Load Cell Intervals	n (max)			3000
Minimum Utilisation	% Rated Cap.			30
Minimum Verification Interval	Vmin=Emax/.			10000
Total Error	% Rated Load	0.050	0.020	0.020
Zero Return after 30 mins	% Appl. Load	0.050	0.017	0.017
Temperature Effect on : Span	%Appl. Ld./10K	0.030	0.010	0.010
Zero	%ORL/10K	0.100	0.040	0.014
Output at Rated Load (ORL)	mV/V		2	
Output at Rated Load Tolerance	%		± 10	
Input Impedance	Ohm		415 ± 15	
Output Impedance	Ohm		350 ± 3	
Recommended Supply Voltage	V		10	
Compensated Temp. Range	°C		-10 to +40	
Operating Temperature Range	°C		-20 to +70	
Deflection	mm		< 0.4	
Safe Overload	% Rated Cap.		150	
Maximum Overload	% Rated Cap.		200	
Ultimate Overload	% Rated Cap.		300	
Cable Length	m		1	
Typical Platform Size	mm		400 x 400	
Environmental Protection			IP65, IP67 Optional	
Rated Capacities (Emax)	Kg		5, 7, 10, 15, 20, 30, 50, 75, 100	

NMI - Certificate TC2152, OIML-R60

Dimensions

**Electrical Connections**  
6-Wire Cable, 1 metre long

- +Exc = Green
- +Sen = Blue
- +Sig(Inp) = Red
- Sen = Brown
- Exc = Black
- Sig(Inp) = White

All Dimensions in mm  
Specifications are subject to change without prior notice

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