

MODEL 52021

APPLICATIONS

- Packaging machines
- Dosing/filling
- Belt scales/conveyor scales
- In-motion checkweigher
- Retail scales/counting scales



DESCRIPTION

Model 52021 is a low profile single point load cell designed for direct mounting in low cost weighing platforms.

Its small physical size, combined with high accuracy and aluminum construction, makes this low cost load cell ideally suited for retail, bench and counting scales.

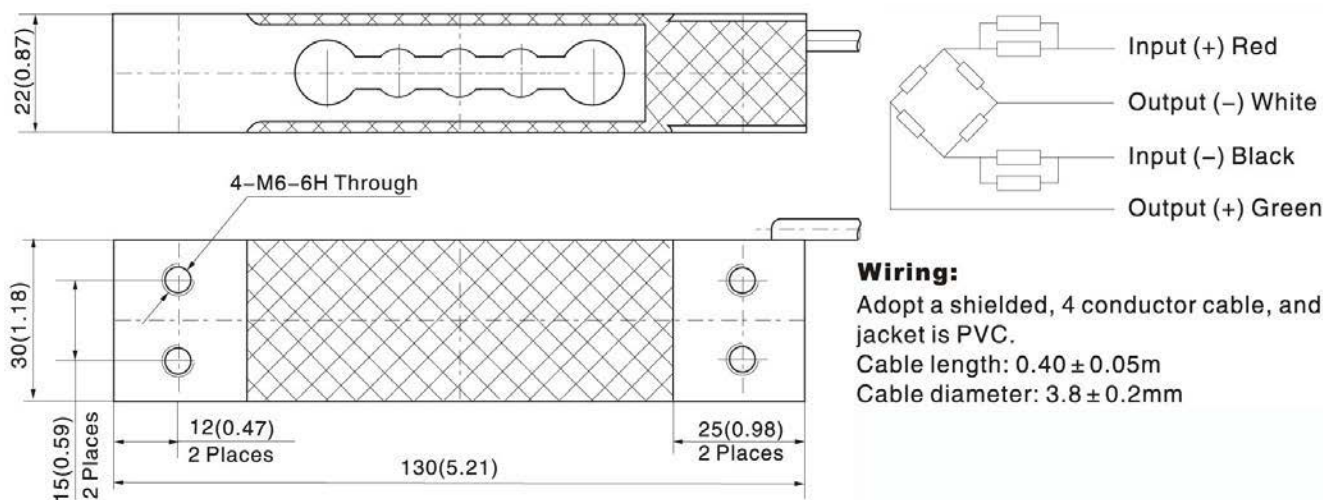
Using 52021 load cells simplifies scale construction, which results in significant parts and labor savings.

FEATURES

- Capacities 3kg ~ 50kg
- Aluminum construction
- Platform size 250 x 250mm
- IP65 environmental protection
- C3 accuracy class

SPECIFICATIONS

Max. number of verification intervals Emax	3000	
Rated capacity	3/ 6/ 10/ 15/ 20/ 30/ 40/ 50	kg
Maximum platform size	250 x 250	mm
Related output	2.0±10%	mV/V
Zero balance	±5.0	% R.O.
Non-linearity	±0.020	% R.O.
Hysteresis error	±0.015	% R.O.
Creep	±0.030	%/30min
Temperature effect on output	±0.030	% of R.O./10°C
Temperature effect on zero	±0.030	% of R.O./10°C
Input resistance	405±10	Ohms
Output resistance	350±3	Ohms
Reference excitation voltage	5~10	VDC
Maximum excitation voltage	18	VDC
Insulation resistance	>5000	Mega-Ohms
Operating temperature range	-20 ~ +60	°C
Safe load limit	150	% R.C.



Wiring:

Adopt a shielded, 4 conductor cable, and cable jacket is PVC.

Cable length: 0.40 ± 0.05m

Cable diameter: 3.8 ± 0.2mm