

PW25P

SINGLE POINT TYPE LOAD CELL
FOR HYGIENE STANDARDS



IP69K

A waterproof & High-pressure washable loadcell. Sanitary design, very rugged and easy to clean, suitable for use in food industry.

Detachable cable

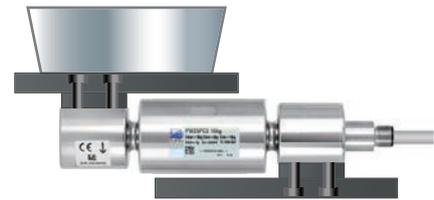
Specifications

Model	PW25P-10KG	PW25P-20KG
Rated capacity	10 kg	20 kg
Rated output	2.0±0.2 mV/V	
Limit load at 20mm eccentricity	1000% R.C.	
Service load at max. 120mm eccentricity	150% R.C.	
Maximum safe side overload	200% R.C.	
Zero balance	0±0.1 mV/V	
Non-linearity	0.0166% R.O. typ.	
Hysteresis	0.0166% R.O. typ.	
Compensated temperature range	-10 to +40°C	
Safe temperature range	-10 to +50°C	
Temperature effect on zero	0.0140% R.O./10°C	
Temperature effect on span	0.0175% R.O./10°C (+20 to +40°C) 0.0117% R.O./10°C (-10 to +20°C)	
Input resistance	300 to 500	
Output resistance	300 to 500	
Recommended excitation voltage	1 to 12 V	
Insulation resistance	1000 M or more	
Degrees of protection	IP68, IP69K *	
Load cell material	Stainless steel	
Deflection at rated	0.19 mm	0.18 mm
Natural frequency	210 Hz	315 Hz
Maximum platform size	400x400 mm	
Weight	0.8 kg	
Cleaning temperature	max. 120°C for max. 10 minutes	

* IP69K: water at high pressure, steam cleaner

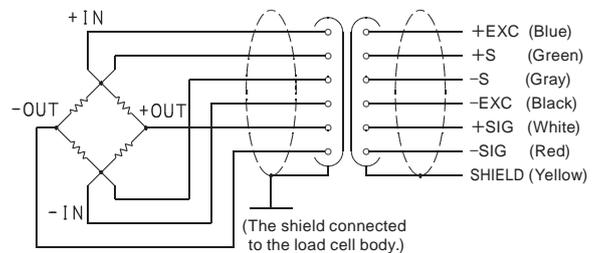
(Based on DIN 40050, part 9 specifications, for road vehicles.)

Application example

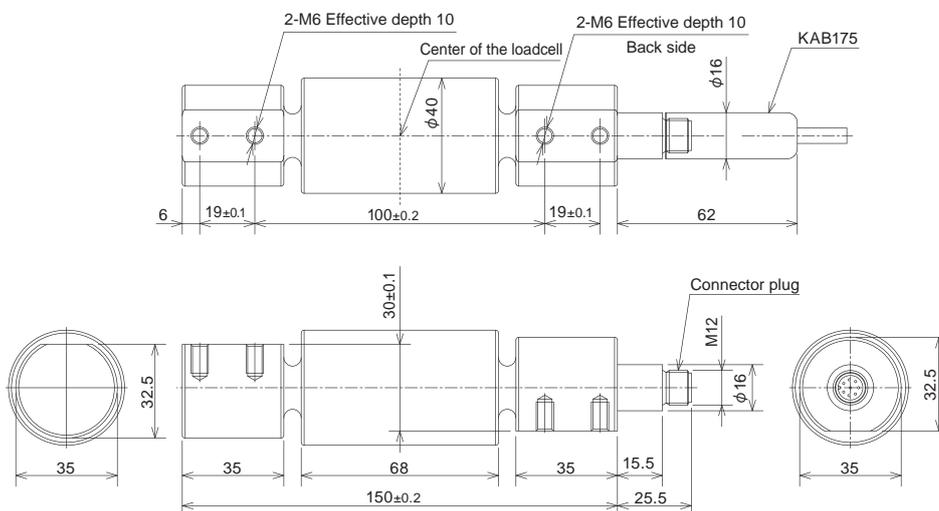


Ideal for weighing a small food bucket

Wiring diagram



External dimension



Unit: mm

Optional accessories

KAB175-3



φ5.2 6-conductor
hygiene design cable 3 m
Cable end: 7 wires