



Features

- Capacity Range:50 Kg. to 650 Kg.
- Aluminum alloy
- IP66 Protection
- High accuracy
- Colourless anodized aluminum
- Maximum platform size: 600 x 600 mm

Description

Model SP3 is a high performance, high capacity single-point load cell designed for direct mounting of large platforms. The rugged construction offers high immunity to side forces making it suitable for a wide range of weighing applications, including bench scales and check weighing.

Application

- Platform scales
- Check weighing
- Filling and packing machine
- Counting scale



MODEL : SP3 / CLASS : C3		Specifications
CAPACITY	:50,100,150,200,300,500,650	Kg
RATED OUTPUT	: 2.0000	mV/V
MAXIMUM DIVISION	: nmax	3000
MINIMUM LOAD CELL VERIFICATION INTERVAL	: $Y = E_{max} / V_{min}$	10000
MINIMUM DEAD LOAD E_{min}	: 0	Kg
ZERO BALANCE	: 0.010	mV/V
INPUT RESISTANCE	: 400,00 ±10	Ω
OUTPUT RESISTANCE	: 350,00 ±3	Ω
INSULATION RESISTANCE	: ≤ 5000	MΩ
COMBINED ERROR	: ±0.02	%FS
CREEP	: ±0.02	%FS
ELEMENT MATERIAL	: Aluminum	
PROTECTION	: IP66	
CABLE LENGTH	:3	m
TEMPERATURE EFFECT		
COMPENSATED	: -10~ +40	°C
OPERATION	: -30~ +70	°C
MAXIMUM OVERLOAD		
SAFE	: 150	%FS
ULTIMATE	: 250	%FS
EXCITATION (VDC)		
RECOMMENDATION	: 10	VDC
MAXIMUM	: 15	VDC