AS7F4 *single point load cell*

Weighing capacities 50 ~ 500 kg.
Protection class IP65, precision class C3.

Made of colorless anodized aluminum alloy.
Application: price computing scales, bench scales, etc.





Properties

- capacities: 50, 100, 200, 300, 400 and 500 kg
- protection class IP65
- precision class C3
- material: aluminium alloy, colorless anodized
- application: price computing scales, bench scales, etc.
- maximum platform dimensions: 450 x 450 mm

Technical Data

PARAMETER	UNIT	VALUE	
Accuracy class		OIML R60 C3	
Rated capacity (E^{max})	kg	50, 100, 200	300, 400, 500
Max. platform size	mm	450 × 450	
Sensitivity	mV/V	2.00 ± 0.2	
Maximum Number of Intervals		3000	
Minimum $Y=E^{max}/v^{min}$		7000	10000, 15000
Combined error	% FS	± 0.0200	
Minimum dead load	kg	0	
Safe overload	% of E^{max}	150	
Ultimate overload	% of E^{max}	300	
Zero balance of FS	%	< ± 2.0	
Nominal excitation	V	5 ~ 12	
Max. excitation	V	18	
Nominal temp. range	°C	-10 to +40	
Service temp. range	°C	-35 to +65	
Input impedance	Ω	406 ± 6	
Output impedance	Ω	350 ± 3.5	
Insulation resistance	M Ω	≥5000 (50VDC)	
Recommended torque on fixation bolts	Nm	20	
Construction		Aluminum Alloy	
Protection class to EN 60529		IP 65	

Type	AS7F4-50kg	AS7F4-100kg	AS7F4-200kg	AS7F4-300kg	AS7F4-400kg	AS7F4-500kg
Capacity	50 kg	100 kg	200 kg	300 kg	400 kg	500 kg
OIML Accuracy	C3					

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