

Single-point Load Cell AL-20



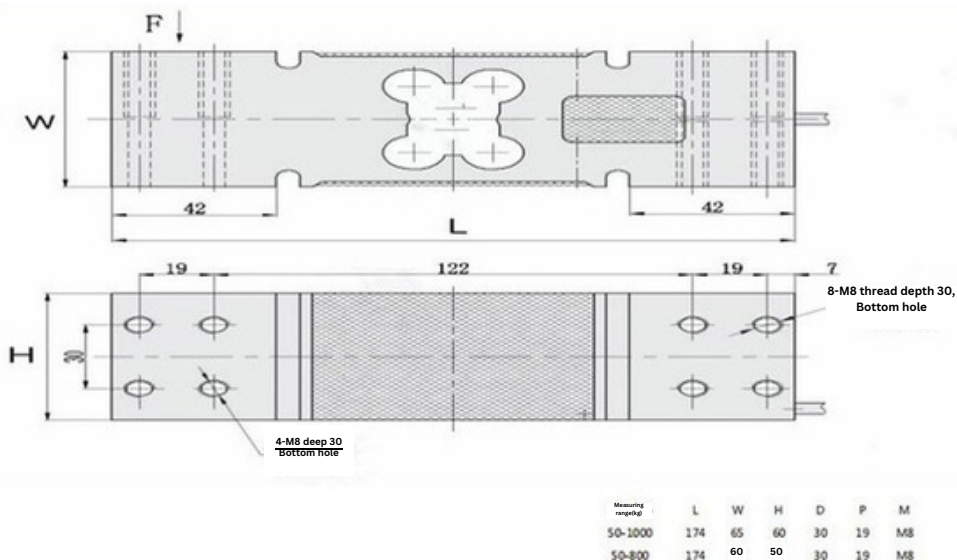
Features

- . Weighing sensor can accurately weigh within the range of 50-1000kg
- . Silicone rubber seal
- . Anodized surface

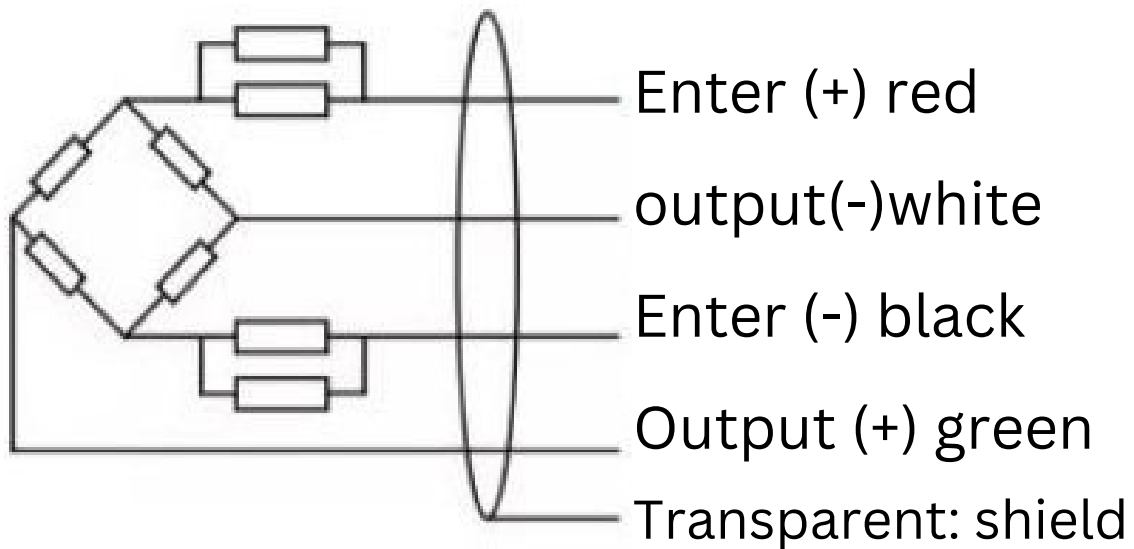
APPLICATIONS:

Electronic weighing equipment

EXTERNAL DIMENSIONS MM



WIRING METHOD



Four-core shielded cable: 5mm
Standard length: 2m (<500kg) 3m (>500kg)

Technical Data

Technical data	Unit	AL-20	AL-20s
Rated capacity	(mVn)	50.100.150.200.300, 350,500,800,1000	100, 150, 350, 500, 800
Output Sensitivity	(%FS)	2.0+0.2	
Accuracy		C3	
Compensation Error	(%FS)	±0.02	
Creep Error	(%FS/30min)	±0.0167	
Effect of temperature on output sensitivity	(%FS/10°C)	±0.0175	
Effect of temperature on zero point output	(%FS/10°C)	±0.02	
Zero output	(%FS)	±2	
Temperature compensation range	(°C)	10~40	
Allowed temperature range	(°C)	-35~65	
Input resistance	(Ω)	406±6	
Output impedance	(Ω)	350±3	
Insulation resistance	(MO)	≥5000(50VDC)	
Recommended excitation voltage	(IN)	5~12 (DC)	
Maximum excitation voltage	(IN)	18 (DC)	
Safe overload range	(%FS)	120	
Ultimate overload range	(%FS)	150	
Protection level		IP65	
Cable specifications	mm	F5.0	
Four angle error		0.02% loading value/100mm	
Recommended installation torque	N.m	20	
Recommended scale platform dimensions	mm	60kg~1000kg	60kg~1000kg
		600x600	600x600