

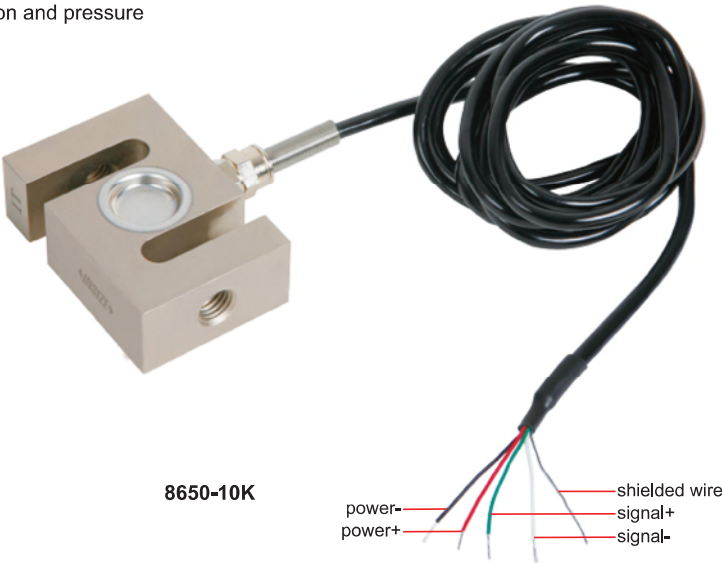
S-TYPE TENSILE/COMPRESSION SENSORS

IF ONE INDICATOR IS USED FOR MULTIPLE SENSORS, CUSTOMIZATION IS REQUIRED

- Characteristic: bi-directional tension and compression, compact structure, high comprehensive precision, good long-term stability and nickel plating on the surface of high-quality alloy steel
- Application fields: universal material testing machines, hopper scales, hook scales, packaging scales, belt scales, plug-in force testers and other tension and pressure testing instruments as well as automation equipments

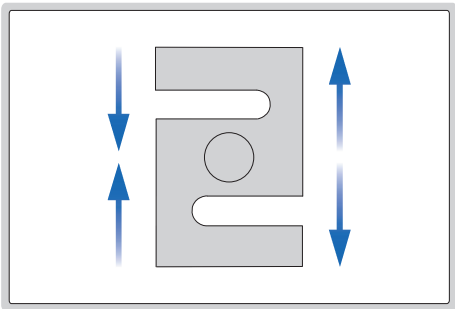
SPECIFICATION

Output sensitivity	2.0±10% mV/V
Zero output	±2%F.S.
Accuracy	0.15%F.S.
Response frequency	10kHz
Material	alloy steel
Electrical impedance	350 Ω
Insulation impedance	≥5000M Ω /100VDC
Operating voltage	5~15V
Working temperature	5~149°F
Safety overload	120%
Extreme overload	150%
Cable specification	≤1T: .197"DIA×78.7" >1T: .197"DIA×197"
Extreme cable pulling force	22lb

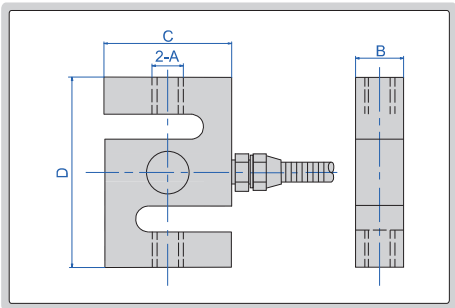


8650-10K

Part No.	Maximum range	A	B	C	D
8650-50	50N/5kg	M8×1.25	.500"	2.00"	2.50"
8650-100	100N/10kg				
8650-200	200N/20kg				
8650-300	300N/30kg				
8650-500A	500N/50kg				
8650-500B	500N/50kg	M12×1.75	.748"	2.00"	3.00"
8650-1K	1000N/100kg				
8650-2K	2000N/200kg				
8650-3K	3000N/300kg				
8650-5K	5000N/500kg				
8650-10K	10kN/1T	M12×1.75	1.00"	2.00"	3.00"
8650-15K	15kN/1.5T				
8650-20K	20kN/2T				
8650-30K	30kN/3T				
8650-50K	50kN/5T				
		M18×1.5	1.00"	3.00"	4.25"



force diagram of sensor



dimension drawing



connected with handheld indicator (optional)

OPTIONAL ACCESSORY

Handheld force indicator	ISF-DG3
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