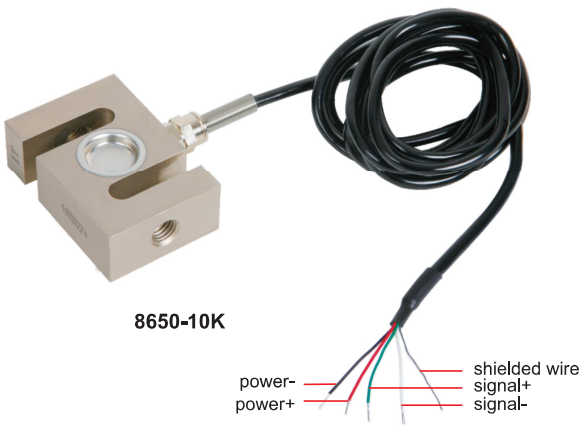
S-TYPE TENSILE/COMPRESSION SENSORS

VIDEO

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



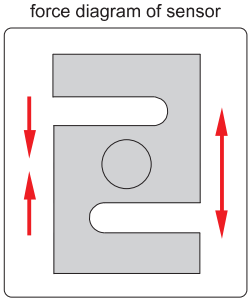
8650-10K

- 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

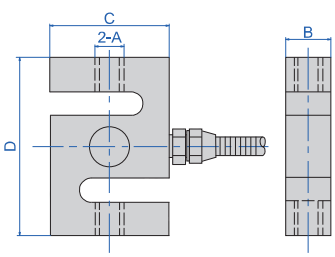
Output sensitivity	2.0±10%mV/V
Zero output	±2%FS
Accuracy	0.15%FS
Response frequency	10kHz
Material	alloy steel
Electrical impedance	350Ω
Insulation impedance	≥5000MΩ/100VDC
Operating voltage	5~15V
Working temperature	-15~65°C
Safety overload	120%
Extreme overload	150%
Cable specification	Ø5mm: ≤1T, 2m; >1T, 5m
Extreme cable pulling force	10kg

force diagram of sensor



(mm)

Code	Maximum range	A	B	C	D
8650-50	50N/5kg	M18×1.25	12.7	50.8	63.5
8650-100	100N/10kg				
8650-200	200N/20kg				
8650-300	300N/30kg				
8650-500A	500N/50kg				
8650-500B	500N/50kg	M12×1.75	19	50.8	76.2
8650-1K	1000N/100kg				
8650-2K	2000N/200kg				
8650-3K	3000N/300kg				
8650-5K	5000N/500kg	M12×1.75	25.4	50.8	76.2
8650-10K	10kN/1T				
8650-15K	15kN/1.5T				
8650-20K	20kN/2T	M18×1.5	25.4	76.2	108
8650-30K	30kN/3T				
8650-50K	50kN/5T				



connected with handheld indicator (**optional**)



OPTIONAL ACCESSORY

Handheld force/torque indicator	**ISF-DG3**