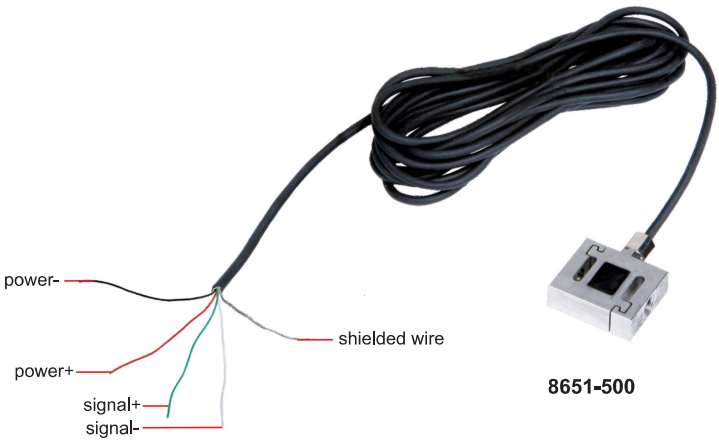
IF ONE INDICATOR IS USED FOR MULTIPLE SENSORS, CUSTOMIZATION IS REQUIRED

S-TYPE TENSILE/COMPRESSION SENSORS (COMPACT TYPE)

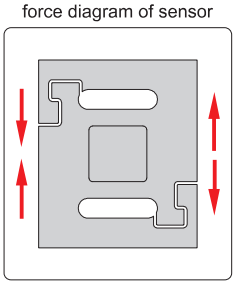
VIDEO



8651-500

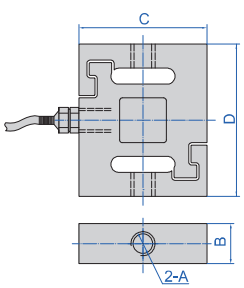
- Characteristic: bi-directional tension and compression, small size, high comprehensive precision, good long-term stability, nickel plating on the surface of stainless steel
- Application fields: automotive press-fit, automatic assembly, 3C industry test, hand grip force for robot, keyboard feel test, etc.

force diagram of sensor



SPECIFICATION

Output sensitivity	1.0~2.0mV/V
Zero output	±2%FS
Accuracy	0.15%FS
Response frequency	10kHz
Material	stainless 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	≤1000N: Ø2mm×2m >1000N: Ø3mm×2m
Extreme cable pulling force	5kg



(mm)

Code	Maximum range	A	B	C	D
8651-5	5N/0.5kg	M3	5	16	19.1
8651-10	10N/1kg				
8651-20	20N/2kg				
8651-30	30N/3kg				
8651-50	50N/5kg				
8651-100	100N/10kg				
8651-200	200N/20kg	M4	6	16	19.1
8651-300	300N/30kg				
8651-500	500N/50kg				
8651-1000	1000N/100kg	M8	14	26	40
8651-2000	2000N/200kg				

connected with handheld indicator (**optional**)



OPTIONAL ACCESSORY

Handheld force/torque indicator	ISF-DG3