

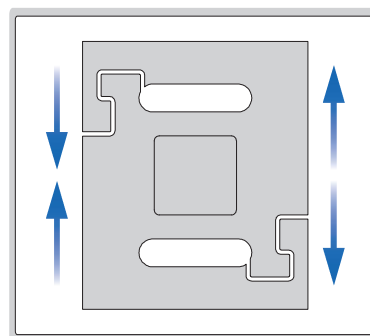
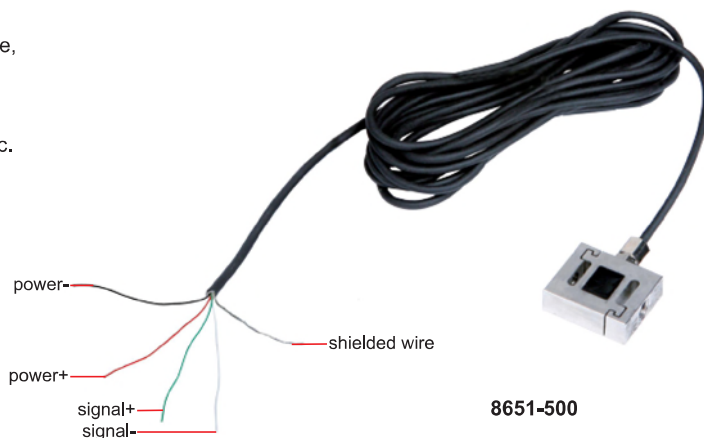
## S-TYPE TENSILE/COMPRESSION SENSORS (COMPACT TYPE)

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

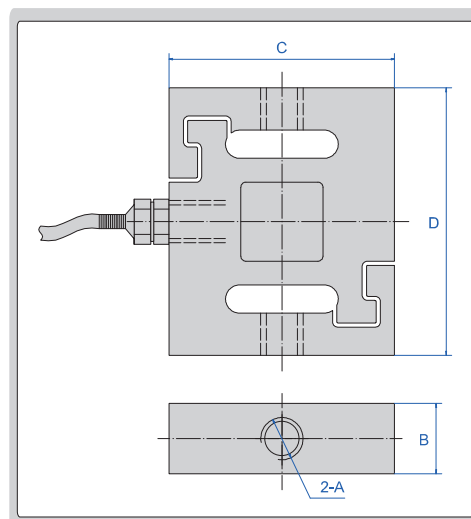
- Characteristic: bi-directional tension and compression, small size, high comprehensive precision, good long-term stability, nickel plating on the surface of stainless steel
- Application fields: automotive press-fit, automatic assembly, 3C industry test, hand grip force for robot, keyboard feel test,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

### SPECIFICATION

|                             |                                    |
|-----------------------------|------------------------------------|
| Output sensitivity          | 1.0~2.0mV/V                        |
| Zero output                 | ±2%F.S.                            |
| Accuracy                    | 0.15%F.S.                          |
| 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<br>>1000N: Ø3mm×2m |
| Extreme cable pulling force | 5kg                                |



| 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     | M4 | 6  | 16 | 19.1 |
| 8651-200  | 200N/20kg     |    |    |    |      |
| 8651-300  | 300N/30kg     |    |    |    |      |
| 8651-500  | 500N/50kg     | M8 | 14 | 26 | 40   |
| 8651-1000 | 1000N/100kg   |    |    |    |      |
| 8651-2000 | 2000N/200kg   |    |    |    |      |



### OPTIONAL ACCESSORY

Handheld force indicator ISF-DG3