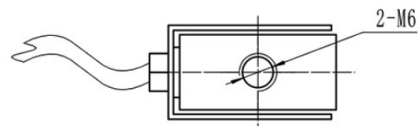
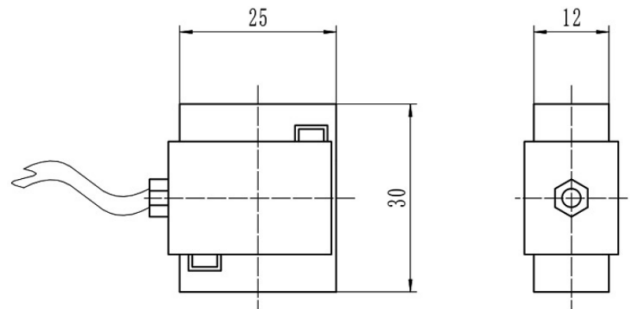
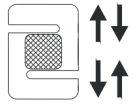


# Miniature Force Sensor

## DBSL-1KG



특징 및 응용 :

S 형 빔 구조를 사용하여 당김, 압력을 사용할 수 있습니다.

높은 측정 정확도, 우수한 안정성, 우수한 출력 대칭.

압축 인장 힘측정 시스템.



### SPECIFICATIONS

벽면 고정시 명판의 윗 부분 고정해야 합니다.

|                              |                                                                                  |  |
|------------------------------|----------------------------------------------------------------------------------|--|
| Rated output                 | 0.8±0.05mV/V                                                                     |  |
| Non-linearity                | ≤±0.05%F·S                                                                       |  |
| Hysteresis                   | ≤±0.05%F·S                                                                       |  |
| Repeatability                | ≤±0.05%F·S                                                                       |  |
| Creep(30min)                 | ≤±0.05%F·S                                                                       |  |
| Zero balance                 | ≤±1%F·S                                                                          |  |
| Temperature effect on zero   | ≤±0.03%F·S/10℃                                                                   |  |
| Temperature effect on output | ≤±0.03%F·S/10℃                                                                   |  |
| Operation temperature range  | -20℃～+80℃                                                                        |  |
| Input impedance              | 350±20Ω                                                                          |  |
| Output impedance             | 350±5Ω                                                                           |  |
| Safe overload                | ≤150%F·S                                                                         |  |
| Insulation                   | ≥5000MΩ(50VDC)                                                                   |  |
| Recommended excitation       | 10V-15V                                                                          |  |
| Wiring                       | Red: + Excitation    Black: - Excitation<br>Green: + Signal      White: - Signal |  |