

LINEAR GAGE  
**IP65**  
WATERPROOF

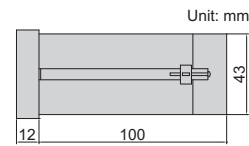
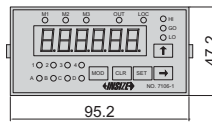
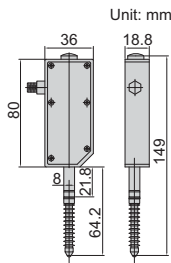
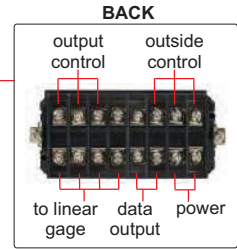
## LINEAR GAGES AND DISPLAY UNIT



linear gage



display unit  
7106-1



- Linear gage: shock-proof, water proof, dust proof, suitable for high speed movement, long working life
- Display unit: set tolerance and make judgment (out of upper tolerance, within tolerance, out of lower tolerance), output the judgment to control outside devices, set zero and hold reading from outside



### LINEAR GAGE SPECIFICATION

| Code                | 7106-11           | 7106-12          |
|---------------------|-------------------|------------------|
| Measuring range     | 12mm/0.47"        | 12mm/0.47"       |
| Resolution          | 0.01mm/0.0004"    | 0.001mm/0.00004" |
| Accuracy            | 20μm              | 5μm              |
| Hysteresis          | 10μm              | 2μm              |
| Measuring principle | capacity system   |                  |
| Voltage             | 5V                |                  |
| Sampling frequency  | 100 times/sec.    |                  |
| Working life        | ten million times |                  |
| Dust/waterproof     | IP65              |                  |
| Measuring force     | 1.5N              |                  |
| Cable length        | 2m                |                  |
| Data output         | four-core wire    |                  |

### DISPLAY UNIT SPECIFICATION

|                                          |                                                                                                                             |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Code                                     | 7106-1                                                                                                                      |
| Display                                  | 6 digits                                                                                                                    |
| Quantity of linear gages to be connected | 1 pc                                                                                                                        |
| Tolerance                                | set tolerance and make judgment with alarm and lights (out of upper tolerance, within tolerance, out of lower tolerance)    |
| Output control                           | output the tolerance judgment (out of upper tolerance, within tolerance, out of lower tolerance) to control outside devices |
| Outside control                          | control the display units from outside (set zero, hold reading)                                                             |
| Data output                              | connect to PC                                                                                                               |
| Power supply                             | DC 9~24V                                                                                                                    |