

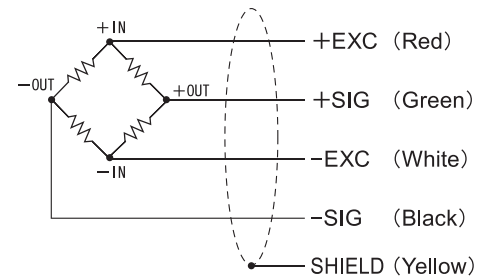


REAL SIZE

Specifications

| Model | UNLS-100N, UNLS-200N, UNLS-500N, UNLS-1KN, UNLS-2KN, UNLS-5KN | UNLS-100N-FG, UNLS-200N-FG, UNLS-500N-FG, UNLS-1KN-FG, UNLS-2KN-FG, UNLS-5KN-FG | |
|--------------------------------|---|---|------------|
| Rated capacity | 100, 200, 500, 1k, 2k, 5k | | N |
| Rated output | 1±20% | | mV/V |
| Safe overload | 150 | | %R.C. |
| Zero balance | ±10 | | %R.O. |
| Non-linearity | 0.5 | 1.0 | %R.O. |
| Hysteresis | 0.3 | 0.5 | %R.O. |
| Repeatability | 0.1 | 0.1 | %R.O. |
| Compensated temperature range | 0 to +50 | | °C |
| Safe temperature range | 0 to +60 | | °C |
| Temperature effect on zero | 0.5 | | %R.O./10°C |
| Temperature effect on span | 0.5 | | %R.O./10°C |
| Input resistance | Approx. 350 | | Ω |
| Output resistance | Approx. 350 | | Ω |
| Recommended excitation voltage | 2.5 | | V |
| Maximum excitation voltage | 5 | | V |
| Insulation resistance (DC50V) | 1000 or more | | MΩ |
| Cable | φ3 4 conductor shield cable 2m End treatment 5 leads. | | |
| Load cell material | Stainless steel | | |

Wiring Diagram



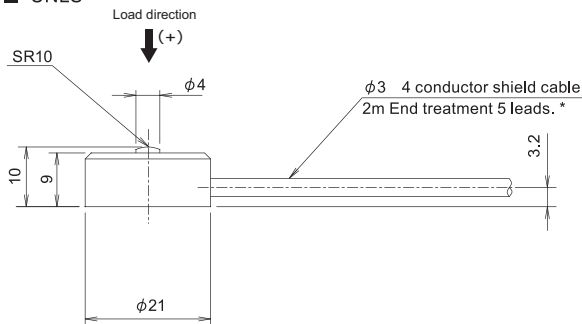
UNLS-FG

With fastening plate

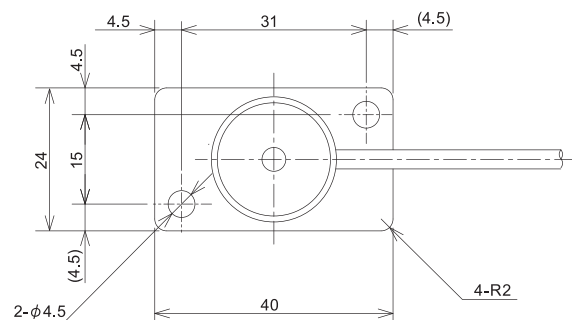


External dimension

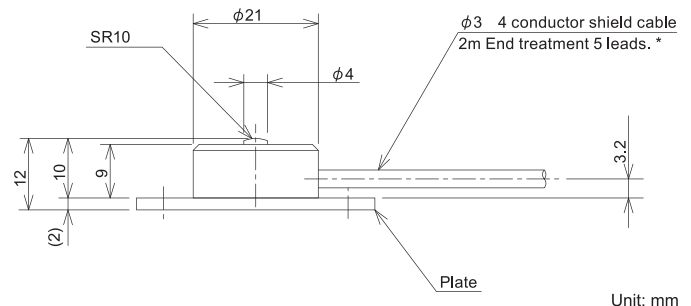
UNLS



UNLS-FG



| Model | Deflection at rated | Natural frequency | Weight |
|--------------|---------------------|-------------------|--------|
| UNLS-100N | 0.015mm | 35kHz | 20g |
| UNLS-100N-FG | | | 35g |
| UNLS-200N | 0.015mm | 47kHz | 20g |
| UNLS-200N-FG | | | 35g |
| UNLS-500N | 0.020mm | 60kHz | 20g |
| UNLS-500N-FG | | | 35g |
| UNLS-1KN | 0.020mm | 85kHz | 20g |
| UNLS-1KN-FG | | | 35g |
| UNLS-2KN | 0.025mm | 98kHz | 20g |
| UNLS-2KN-FG | | | 35g |
| UNLS-5KN | 0.040mm | 102kHz | 20g |
| UNLS-5KN-FG | | | 35g |



Unit: mm

* Connector can be attached to the cable according to your requests.