

# UNLRS

## COMPACT COMPRESSION TYPE LOAD CELL

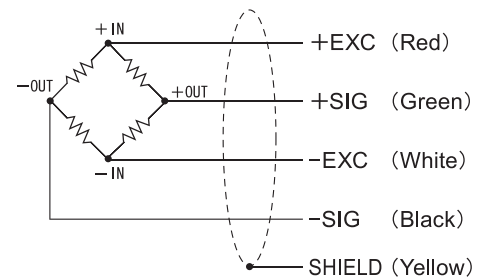


REAL SIZE

### Specifications

Model	UNLRS-100N, UNLRS-100N-FG, UNLRS-200N, UNLRS-200N-FG	
Rated capacity	100, 200	N
Rated output	1±20%	mV/V
Safe overload	150	%R.C.
Zero balance	±20	%R.O.
Non-linearity	0.3	%R.O.
Hysteresis	0.3	%R.O.
Repeatability	0.1	%R.O.
Compensated temperature range	0 to +60	°C
Safe temperature range	-10 to +60	°C
Temperature effect on zero	2.0	%R.O./10°C
Temperature effect on span	1.0	%R.O./10°C
Input resistance	Approx. 350	Ω
Output resistance	Approx. 350	Ω
Recommended excitation voltage	2.5	V
Maximum excitation voltage	6	V
Insulation resistance (DC50V)	1000 or more	MΩ
Cable	φ3 4 conductor shield cable 3m End treatment 5 leads.	
Load cell material	Stainless steel	

### Wiring Diagram



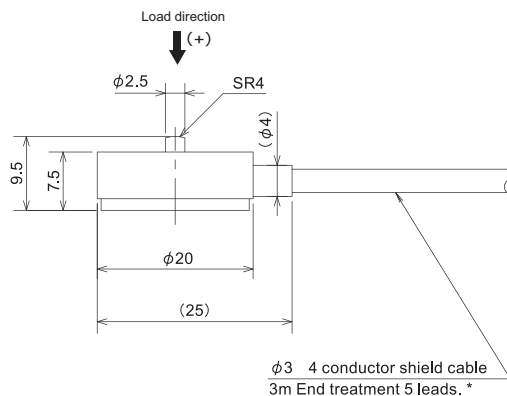
### UNLRS-FG

With fastening plate



### External dimension

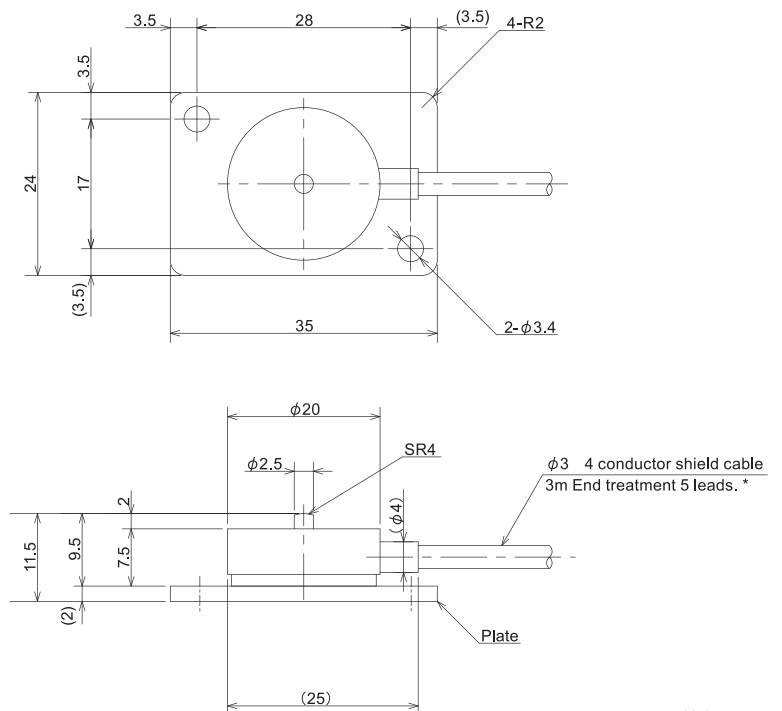
#### ■ UNLRS



Model	Deflection at rated	Natural frequency	Weight
UNLRS-100N	0.015mm	21kHz	5g
UNLRS-100N-FG			18g
UNLRS-200N	0.015mm	25kHz	5g
UNLRS-200N-FG			18g

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

#### ■ UNLRS-FG



Unit: mm