



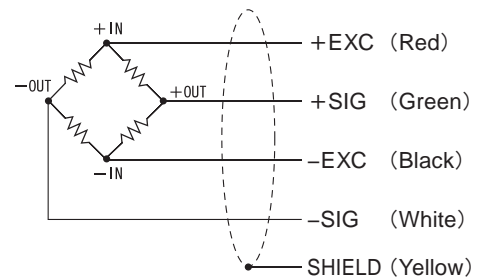
REAL SIZE

Special steel with high hardness
Wear resistance is greatly improved
Suitable for high cycle applications!

Specifications

Model	ULS-2KN, ULS-5KN	ULS-2KN-FG, ULS-5KN-FG	
Rated capacity	2k, 5k		N
Rated output	1±20%		mV/V
Safe overload	150		%R.O.
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		
Output resistance	Approx. 350		
Recommended excitation voltage	2.5		V
Maximum excitation voltage	5		V
Insulation resistance (DC50V)	1000 or more		M
Cable	φ3 4 conductor shield cable 2m End treatment 5 leads.		
Load cell material	Special alloy steel		

Wiring Diagram



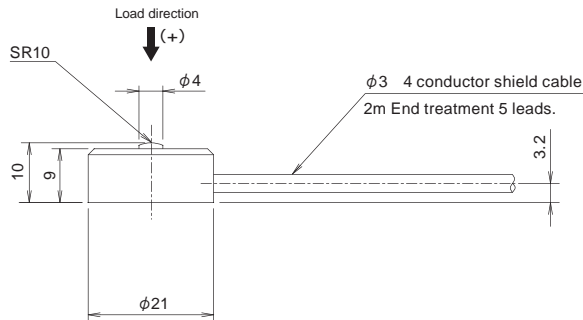
ULS-FG

With fastening plate

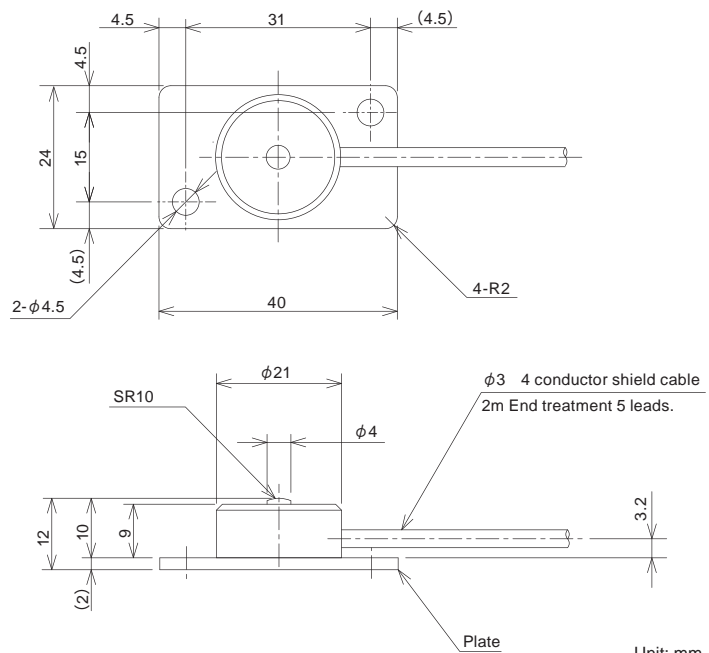


External dimension

ULS



ULS-FG



Model	Deflection at rated	Natural frequency	Weight
ULS-2KN	0.025mm	98kHz	20g
ULS-2KN-FG			35g
ULS-5KN	0.040mm	102kHz	20g
ULS-5KN-FG			35g

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

Unit: mm