

REAL SIZE

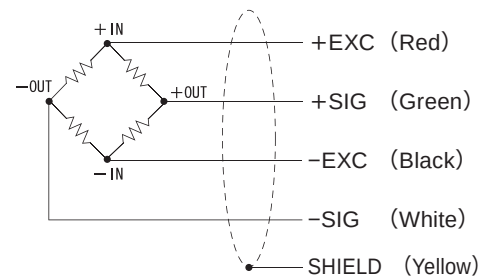


Small, accurate &
wide lineup of S-type load cell

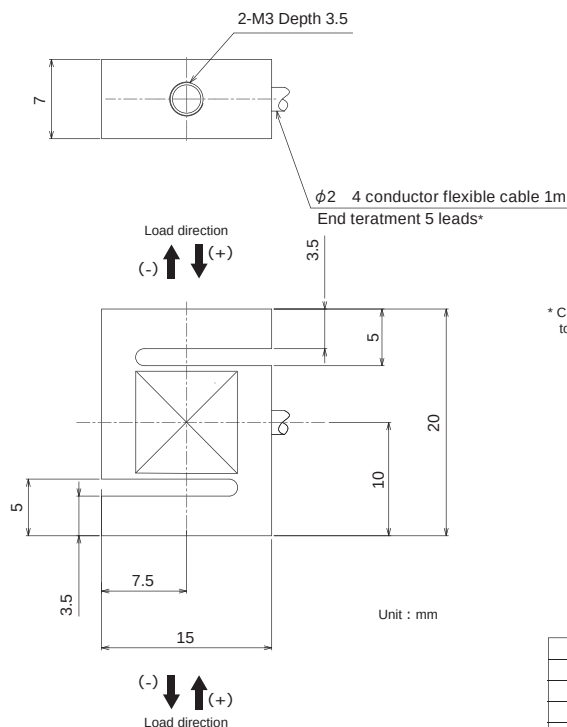
Specifications

Model	URM-50N, 100N, 200N, 500N	
Rated capacity	50, 100, 200, 500	N
Rated output	1±20%	mV/V
Safe overload	200	%R.C.
Zero balance	±10	mV/V
Non-linearity	0.03	%R.O.
Hysteresis	0.03	%R.O.
Repeatability	0.03	%R.O.
Compensated temperature range	-10 to +60	°C
Safe temperature range	-20 to +70	°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	1000 or more	MΩ
Cable	φ2 4 conductor flexible cable 1m End treatment 5 leads	
Load cell material	Aluminum alloy	

Wiring Diagram



External dimension



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

Model	Deflection at rated	Natural frequency	Weight
URM-50N	0.02mm	3.3kHz	6g
URM-100N	0.04mm	3.5kHz	
URM-200N	0.03mm	3.5kHz	
URM-500N	0.05mm	4.8kHz	