

WATER PROOF TENSION / COMPRESSION TYPE LOADCELL



Hardly any interference by torsion & less impact on accuracy against lateral load Easy-to-install double-end female thread type

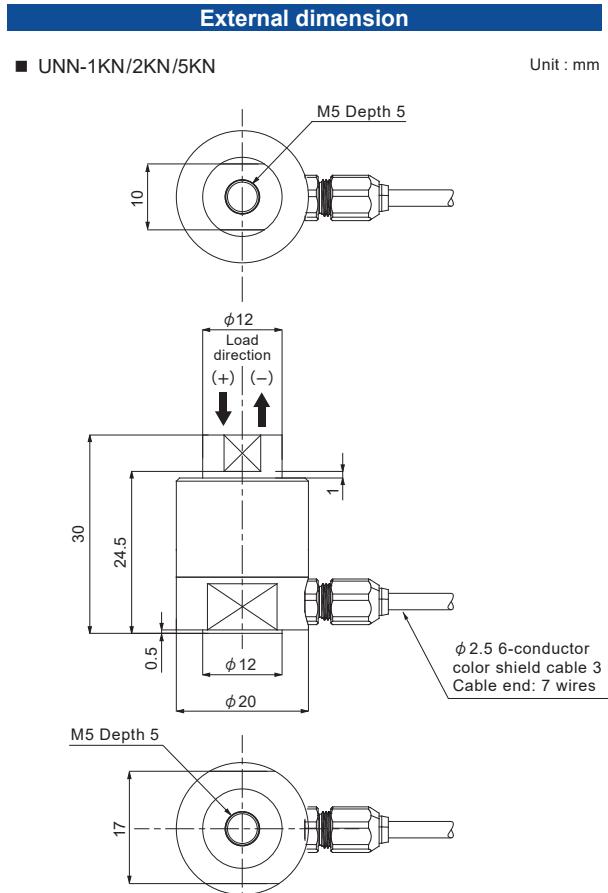
- Measures both tension & compression load
- The height is short as 30 mm, allowing easy installation to equipment
- Even when used in horizontal direction, there is no impact of jig's own weight, so that accurate measurements are possible.
- Number of parts can be reduced such as assembling a press machine without guides



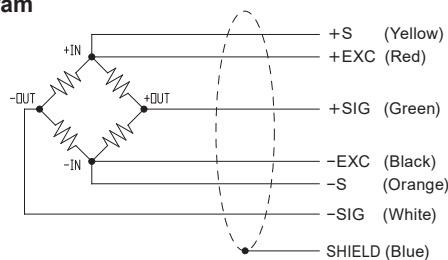
Tension & compression
double-end female thread
water proof load cell

UNN

Model	UNN-1KN	UNN-2KN	UNN-5KN
Rated capacity	1 kN	2 kN	5 kN
Rated output	Approx. 1.0 mV/V		
Safe overload	300% R.O.		
Zero balance	±10% R.O.		
Non-linearity	0.2% or less R.O.		
Hysteresis	0.2% or less R.O.		
Repeatability	0.1% or less 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 or below		
Temperature effect on span	0.5% R.O./10°C or below		
Input resistance	Approx. 1000 Ω		
Output resistance	Approx. 1000 Ω		
Recommended excitation voltage	5 V		
Maximum excitation voltage	7.5 V		
Insulation resistance (DC 50 V)	1000 MΩ or more		
Cable	φ2.5 6 conductor flexible cable (3 m) Cable end: 7 wires		
Load cell material	Stainless steel		
RoHS directives	2011/65/EU (EU)2015/863		



•Wiring diagram



Model	Deflection at rated	Natural frequency	Weight
UNN-1KN			
UNN-2KN	0.025 mm	20 kHz	Approx. 50 g
UNN-5KN			

Connector can be attached to the cable according to your request.

Specifications, appearance, and design may be changed for improvement without prior notice. Please check with us when ordering.

Unipulse Corporation

International Sales Department 9-11 Nihonbashi Hisamatsu-cho, Chuo-ku, Tokyo 103-0005
Tel: +81-3-3639-6121 Fax: +81-3-3639-6130