

TENSION/COMPRESSION TYPE LOAD CELL



Tension/compression type
load cell

UPP-100N

Safe overload rating of 500% !!
Suitable for click tester and push tester.
A loadcell with the high sensitivity and rigidity both!

● Example of use

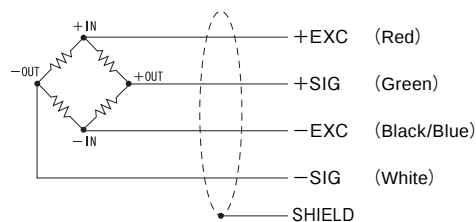
Click tester and push tester etc.



Specifications

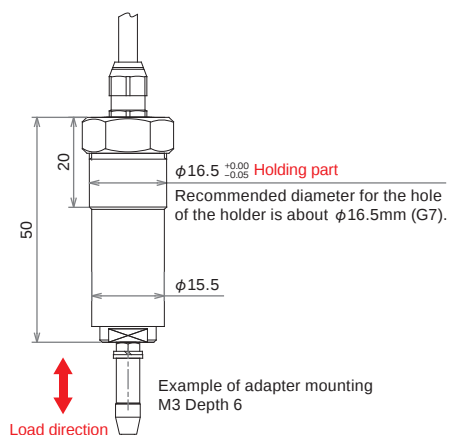
Model	UPP-100N	
Rated capacity	100	N
Rated output	0.4	mV/V
Safe overload	500	%R.C.
Non-linearity	0.5	%R.O.
Hysteresis	0.5	%R.O.
Repeatability	0.5	%R.O.
Compensated temperature range	0 ~ +40	°C
Safe temperature range	-10 ~ +50	°C
Temperature effect on span	0.5	%R.O./10°C
Zero balance	0.3	mV/V
Recommended excitation voltage	10	V
Input resistance	Approx. 1000	Ω
Output resistance	Approx. 1000	Ω
Cable	φ3mm 4-conductor flexible cable (1.5m) Cable end: 5 wires	
Loadcell material	Aluminum alloy	
Weight	Approx. 30 (Excluding the cable)	g

Wiring Diagram

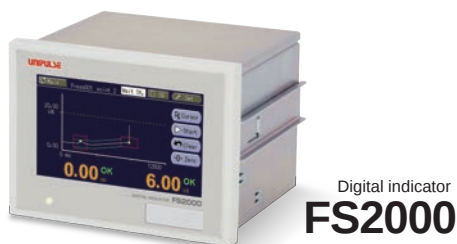


External dimension

Unit:mm



● Recommended indicator for UPP



Digital indicator
FS2000

FS2000 fully utilizes the performance of UPP.
 Suitable for OK/NOK judgment in inspection process.

* UPP can be connected with other UNIPULSE indicators too.

Please note that specifications or designs shown in this catalog may vary due to our continuous product improvement activities.

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