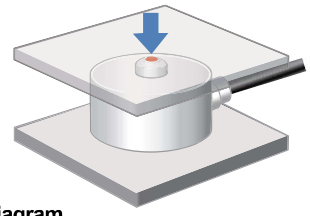
UNGS

COMPRESSION TYPE LOAD CELL

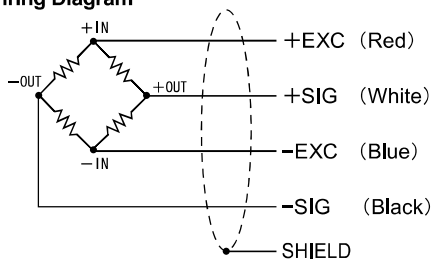


Specifications

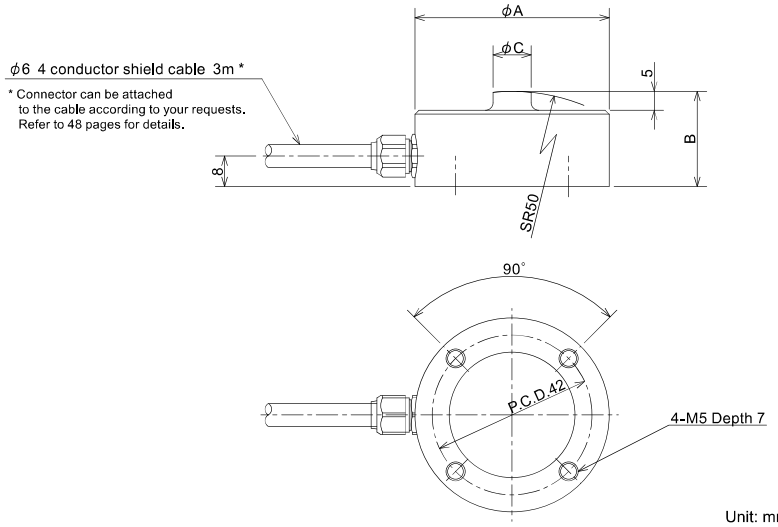
Model	UNGS-1KN, UNGS-2KN, UNGS-5KN, UNGS-10KN, UNGS-20KN	
Rated capacity	1k, 2k, 5k, 10k, 20k	N
Rated output	2±1%	mV/V
Safe overload	150	%R.C.
Maximum safe overload	200	%R.C.
Zero balance	±5	%R.O.
Non-linearity	0.15	%R.O.
Hysteresis	0.1	%R.O.
Repeatability	0.1	%R.O.
Compensated temperature range	−10 to +60	℃
Safe temperature range	−20 to +80	℃
Temperature effect on zero	0.1	%R.O./10℃
Temperature effect on span	0.1	%R.O./10℃
Input resistance	Approx. 400	Ω
Output resistance	Approx. 350	Ω
Recommended excitation voltage	10	V
Maximum excitation voltage	20	V
Insulation resistance(DC50V)	2000 or more	MΩ
Cable	ϕ6 4 conductor shield cable 3m	
Load cell material	Stainless steel	



Wiring Diagram



External dimension



Unit: mm

Model	Deflection at rated	Natural frequency	Weight	ϕA	B	ϕC
UNGS-1KN	0.10mm	6kHz	0.3kg	51	25	10
UNGS-2KN		8kHz				
UNGS-5KN		13kHz				
UNGS-10KN		16kHz				
UNGS-20KN		23kHz	0.35kg	52	30	12

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