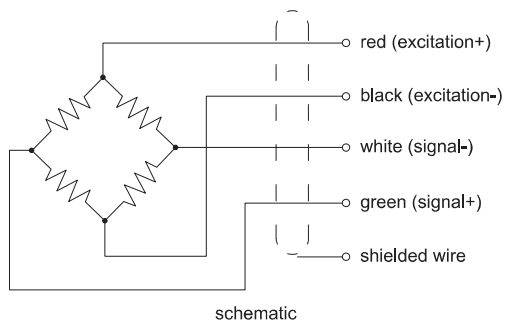


COLUMN-TYPE FORCE SENSORS (ADVANCED TYPE)

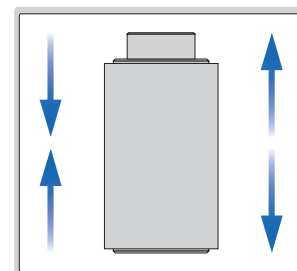
- Column-type structure
- High precision and high stability
- Easy and quick installation
- Suitable for material testing equipments and etc.

SPECIFICATION

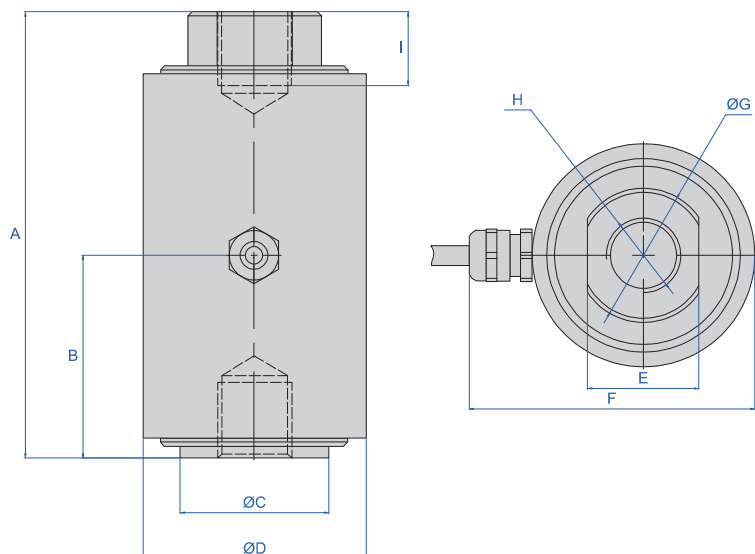
Creep	±0.03% of rated output
Nonlinearity	±0.03% of rated output
Hysteresis	±0.03% of rated output
Repeatability	±0.03% of rated output
Sensitivity temperature drift	≤0.002% of applied output/°C
Zero temperature drift	≤0.002% of rated output/°C
Range of working temperature	-35~+70°C
Range of compensation temperature	-10~+40°C
Safety overload	150%
Input impedance	387±50Ω
Output impedance	350±5Ω
Insulation impedance	≥5000MΩ (50V DC)
Recommended excitation voltage	10V DC/AC
Maximum excitation voltage	15V DC/AC
Cable length	2.75m



8655-50



force diagram of sensor



													(mm)
Code	Type (material)	Maximum range	Rated output	Zero balance	A	B	C	D	E	F	G	H	I
8655-5A	type A (aluminum)	5kg/50N	2.0±2.5mV/V	±0.3% of rated output	80	39	40	60	17	77	20	2×M10×1.5	12
8655-10A		10kg/100N											
8655-20A		20kg/200N											
8655-30A		30kg/300N											
8655-50A		50kg/500N											
8655-100A		100kg/1000N		±1% of rated output									
8655-200A		200kg/2000N											
8655-250A		250kg/2500N											
8655-500A		500kg/5000N											
8655-1T	type B (alloy steel)	1T/10kN	3.0±2.5mV/V	120	54	40	60	30	77	36	2×M20×1.5	20	
8655-2T		2T/20kN											
8655-3T		3T/30kN											
8655-5T		5T/50kN											