

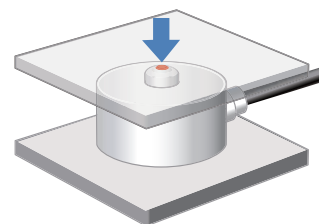


Easy to use
low profile
center hole load cell

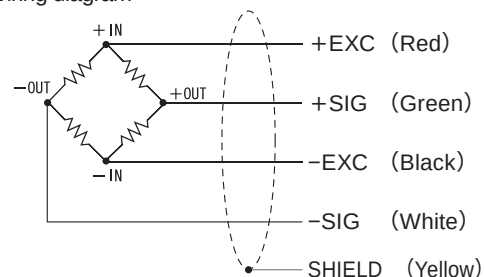
Specifications

Model	UBFH-1KN, UBFH-2KN	UBFH-5KN	UBFH-10KN, UBFH-20KN	
Rated capacity	1k, 2k	5k	10k, 20k	N
Rated output	1±15%		1±25%	mV/V
Safe overload	150			%R.C.
Zero balance	±10			%R.O.
Non-linearity	0.1	0.2	0.5	%R.O.
Hysteresis	0.2		0.5	%R.O.
Repeatability	0.1		0.3	%R.O.
Compensated temperature range	-10 to +60			°C
Safe temperature range	-10 to +70			°C
Temperature effect on zero	0.3			%R.O./10°C
Temperature effect on span	0.2			%R.O./10°C
Input resistance	Approx.1000			Ω
Output resistance	Approx.1000			Ω
Recommended excitation voltage	10			V
Maximum excitation voltage	15			V
Insulation resistance(DC50V)	1000 or more			MΩ
Cable	φ3.8 4 conductor flexible cable 3m End treatment 5 leads.			
Load cell material	Stainless steel			

Application example

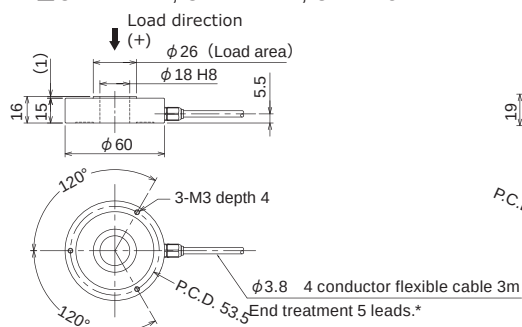


Wiring diagram

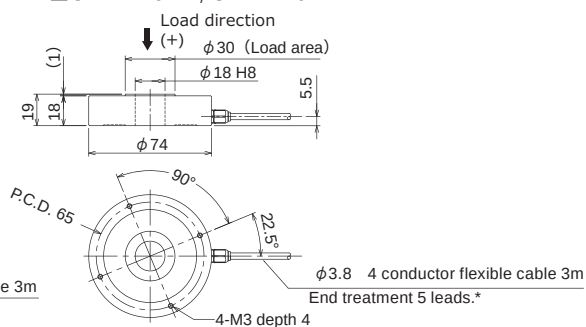


External dimension

UBFH-1KN, UBFH-2KN, UBFH-5KN

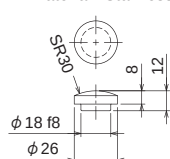


UBFH-10KN, UBFH-20KN



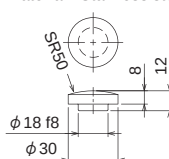
UBFH-LB(Optionaly available)1kN, 2kN, 5kN

Material : Stainless steel Hardness:HRC58±2



UBFH-LB2(Optionaly available)10kN, 20kN

Material : Stainless steel Hardness:HRC58±2



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

Model	Deflection at rated	Natural frequency	Weight
UBFH-1KN	0.030 mm	5.0kHz	280g
UBFH-2KN		7.3kHz	
UBFH-5KN		11kHz	
UBFH-10KN	0.035 mm	9.7kHz	470g
UBFH-20KN		13kHz	