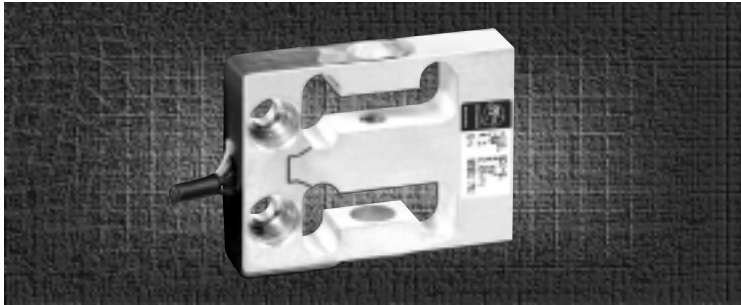


# BCK Force sensor, 1kgf - 50kgf

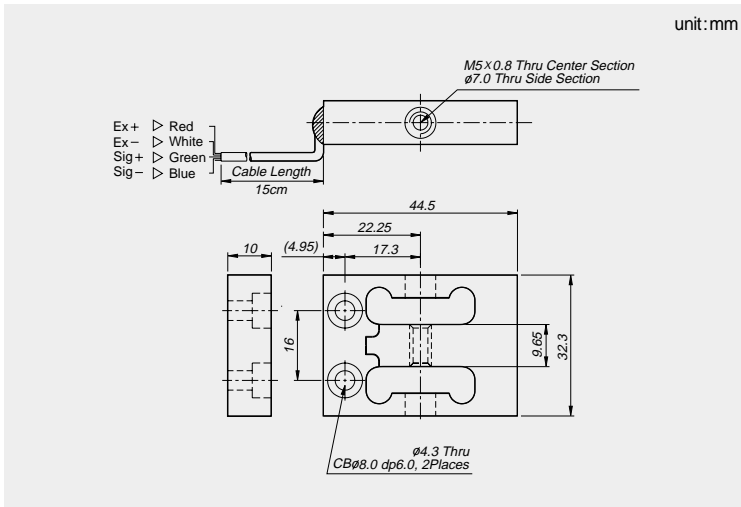
**DG** CELL



## FEATURES

- High bridge impedance
- Overload protection
- Small size and light weight
- Simplified tension and compression loading

## DIMENSIONS



## SPECIFICATIONS

Max. capacity	1 kgf - 50kgf
Rated output	2.0 ± 0.2mV/V
Zero balance	0 ± 0.4mV/V
Linearity	0.05%R.O.
Hysteresis	0.05%R.O.
Repeatability	0.01%R.O.
Creep for 20min.	0.1%R.O.
Temperature effect on Zero Value	0.05%R.O./10°C
Temperature effect on Output value	0.03%R.O./10°C
Excitation	
Recommended	10V
Maximum	15V
Resistance	
Input	1,160 ± 10 Ω
Output	1,000 ± 10 Ω
Insulation	> 2,000 MΩ
Compensated temperature range	- 10 to +40
Operating temperature range	- 20 to +80