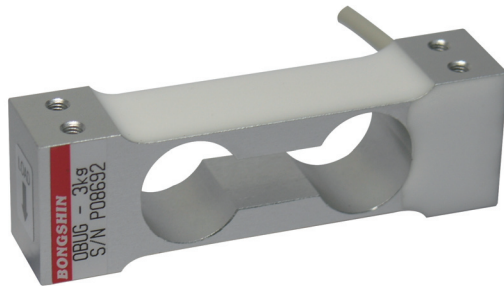


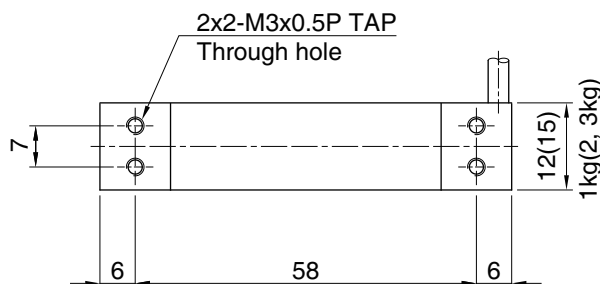
## Model OBUG Series

Miniature single point  
Load Cell (1kg ~ 3kg)



### SPECIFICATIONS

MODEL	OBUG
Rated capacity (R.C.)	1, 2, 3kg
Rated output(R.O.)	1.0mV/V ± 0.1mV/V
Non-linearity	≤0.02% R.O.
Hysteresis	≤0.02% R.O.
Non-repeatability	≤0.02% R.O.
Creep error	≤0.03% in 20min.
Zero balance	≤5% R.O.
Compensated temperature range	-10 ~ 70°C
Operating temperature range	-20 ~ 80°C
Temp. effect on rated output	≤0.012% LOAD/10°C
Temp. effect on zero balance	≤0.04% R.O./10°C
Terminal input resistance	420 Ohms ± 10 Ohms
Terminal output resistance	350 Ohms ± 5 Ohms
Insulation resistance (Min.)	2000 Mohms at 50V DC
Excitation voltage	5V(Recommended), 10V(Max.)
Electrical connection	ø3mmx0.5m(28AWG x 4Core Shielded)
Protection class	meets IP 65
Safe overload	150% R.C
Ultimate overload	300% R.C
Material	Aluminum alloy



Capacity	Allowable Maximum Platform Size
1, 2, 3kgf (9.807, 19.61, 29.42N)	200 x 200 mm

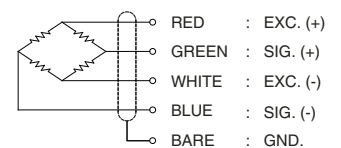
### ORDERING INFORMATION

**OBUG - 3**

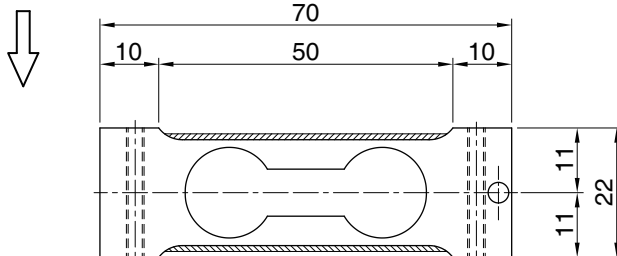
MODEL CAPACITY

OBUG 1, 2, 3kg

### WIRING INFORMATION



Load Direction  
for Positive Polarity



\* Specifications are subject to change without notice

APR, 2013

MODERN HERO TECHNOLOGIES (SHENZHEN) CO., LTD

TEL : 0086-755-26738591  
https://www.octsensor.com/

FAX : 0086-755-26738591  
E-mail : sales@octsources.com