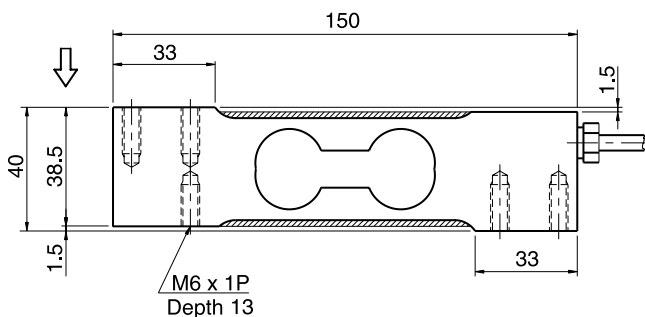
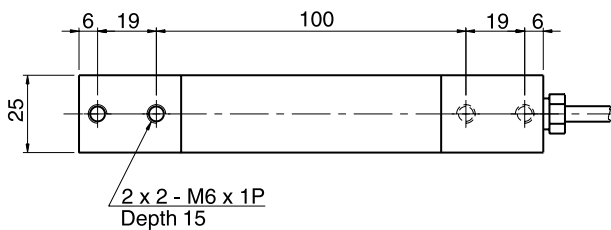


## Model OBUH Series

Single Point  
Bending Beam Load Cell  
(5kg ~ 100kg)



The OBUH series single point load cell is designed for low profile scales and automatic check weighing systems where great accuracy, reliability and fast measurement are required.

To obtain the best performance, it is important that care should be taken in their mounting. A flat, solid, machined base is important and the correct fixing torque must be applied to the fixing bolts

### SPECIFICATIONS

MODEL	OBUH
Rated capacity (R.C.)	5, 7, 10, 15, 30, 50, 100kg
Rated output(R.O.)	2mV/V ± 10%
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 ± 20 Ohms
Terminal output resistance	350 Ohms ± 5 Ohms
Insulation resistance (Min.)	2000 MOhms at 50V DC
Excitation voltage	10V(Recommended), 15V(Max.)
Electrical connection	Ø5mmx1.5m(22AWG x 4Core Shielded)
Protection class	meets IP 65
Safe overload	150% R.C
Ultimate overload	300% R.C

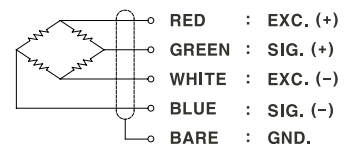
Capacity(kg)	Allowable Platform Size
7~30kg (68.65~294.2N)	300 x 300 mm
50, 100kg (490.3, 980.7N)	400 x 400 mm

### ORDERING INFORMATION

#### OBUH - 30

MODEL OBUH CAPACITY 5, 7, 10, 15, 30, 50, 100kg

### WIRING INFORMATION



Weight : 0.4kg

\* Specifications are subject to change without notice

DEC, 2005