

## Model OBBN Series

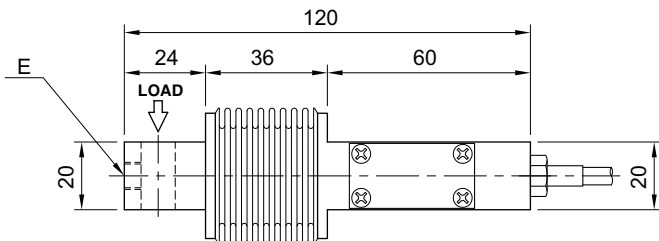
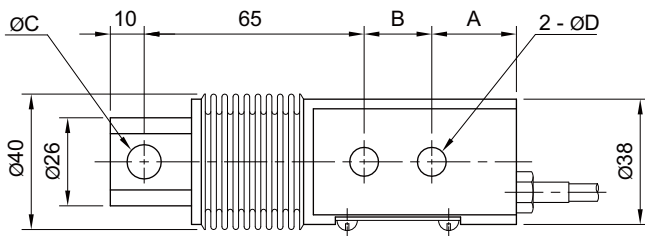
Bending Beam Load Cell  
(20kg ~ 300kg)

- 17-4PH stainless steel construction
- Fully welded seal with stainless steel bellows
- High accuracy



### SPECIFICATIONS

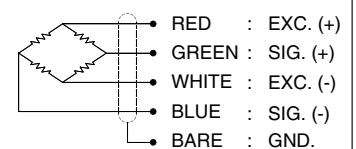
MODEL	OBBN
Rated capacity (R.C.)	20, 50, 100, 200, 300kg
Rated output (R.O.)	2.0mV/V ± 0.003mV/V
Non-linearity	≤0.03% R.O.
Hysteresis	≤0.02% R.O.
Non-repeatability	≤0.02% R.O.
Creep error	≤0.03% in 20min.
Zero balance	≤1% R.O.
Compensated temperature range	-10 ~ 70°C
Operating temperature range	-20 ~ 80°C
Temp. effect on rated output	≤0.003% LOAD/°C
Temp. effect on zero balance	≤0.003% R.O./°C
Terminal input resistance	400 Ohms ± 30 Ohms
Terminal output resistance	350 Ohms ± 5 Ohms
Insulation resistance (Min.)	2000 MOhms at 50V DC
Excitation Voltage	3-12V(Recommended), 15V(Maximum)
Electrical connection	ø5mmx3m, 5m(Optional), 22AWG x 4C meets IP 68
Protection class	meets IP 68
Safe overload	150% R.C
Ultimate overload	300% R.C



### ORDERING INFORMATION

<b>OBBN</b>	-	<b>50</b>
MODEL		CAPACITY
OBBN		20, 50, 100kg 200, 300kg

### WIRING INFORMATION



### Dimension-mm

Rated Capacity	A	B	C	D	E	Weight(kg)
20kg (196.1N)	27	18	8.1	6.5	M8x1.25P	0.7
50kg (490.3N)						
100kg (980.7N)	25	20	10.1	8.5	N/A	0.7
200kg (1.961kN)						
300kg (2.942kN)						

\* Specifications are subject to change without notice