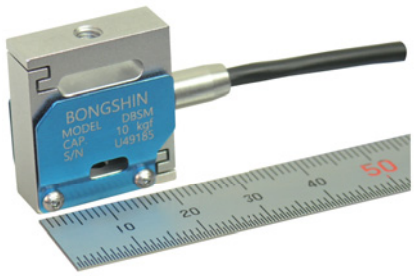
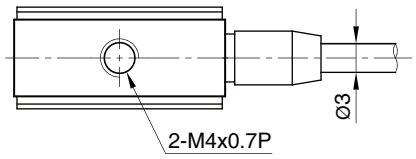
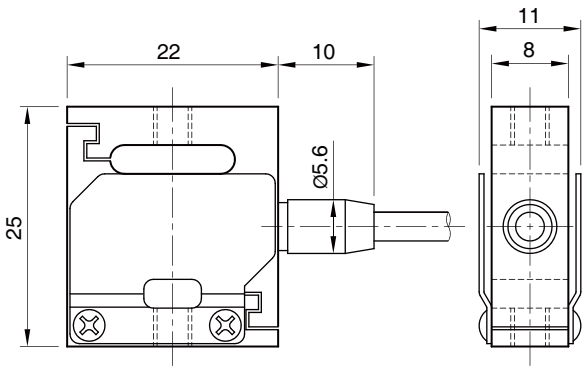
Model DBSM Series

Tension & Compression
Miniature S-type Load Cell (3kg ~ 30kg)

- High accuracy ±0.05%
- Built-in overload protection (Tension and Compression)
- 17-4PH stainless steel
- Compact design







SPECIFICATIONS

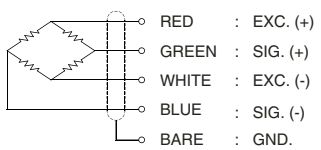
MODEL	DBSM
Rated capacity (R.C.)	3, 5, 10, 20, 30kg
Material	Stainless Steel
Rated output(R.O.)	2.0 mV/V (Norminal)
Non-linearity	≤0.05% R.O.
Hysteresis	≤0.05% R.O.
Non-repeatability	≤0.03% R.O.
Creep error	≤0.03% in 20min.
Zero balance	≤2% R.O.
Compensated temperature range	-10 ~ 70°C
Operating temperature range	-20 ~ 80°C
Temp. effect on rated output	≤0.04% LOAD/°C
Temp. effect on zero balance	≤0.02% R.O./°C
Terminal input resistance	350 ±5 Ohms
Terminal output resistance	350 ±5 Ohms
Insulation resistance (Min.)	2000 MOhms at 50V DC
Excitation voltage	3~6V(Recommended), 10V(Max.)
Electrical connection	ø3mmx1.5m(28AWG x 4Core Shielded)
Protection class	meets IP 64
Safe overload	1000% R.C

ORDERING INFORMATION

DBSM - 20

MODEL	CAPACITY
DBSM	3, 5, 10, 20, 30kg

WIRING INFORMATION



Dimension-mm

* Specifications are subject to change without notice

OCT, 2018

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