

CB004 series



Feature

Mid. capacity. OIML certification.

Table of P/N

Parts No.	Rated Capacity
CB004-10K	98.07 N {10 kgf}
CB004-15K	147.1 N {15 kgf}
CB004-20K	196.1 N {20 kgf}
CB004-25K	245.2 N {25 kgf}
CB004-30K	294.2 N {30 kgf}
CB004-35K	343.2 N {35 kgf}
CB004-45K	441.3 N {45 kgf}
CB004-60K	588.4 N {60 kgf}
CB004-100K	980.7 N {100 kgf}

Specifications

Rated Capacity	98.07 N{10 kgf} to 980.7 N{100 kgf}
Safe overload	150 %R.C.
Ultimate overload	200 %R.C.
Rated output	2 mV/V±0.2 mV/V
Non-linearity	0.015 %R.O.
Hysteresis	0.015 %R.O.
Repeatability	0.02 %R.O.
Creep	0.02 %R.O./20 min
Creep recovery	0.02 %R.O./20 min
Excitation, recommended	12 V or less
Excitation, maximum	20 V
Zero balance	±0.1 mV/V
Input resistance	420 ohm(+30, -20)ohm
Output resistance	350 ohm±5 ohm
Insulation resistance	2 000 M-ohm or more (DC50 V)
Temp. range compensated	-10 °C to 50 °C
Temp. range safe	-10 °C to 50 °C
Temp. effect on zero balance	0.04 %R.O./10 °C
Temp. effect on output	0.012 %LOAD/10 °C
Cable	φ3.2, 4-cores shielded 40 cm cable directly attached, and cable end is separated.
Class of protection	IP40
Element Material	Aluminium alloy
Durability	1 000 000 times with rated load applied.
	- Size of loading plate is 400 mm x 400 mm at maximum.
	- The center of loading plate and the center of load cell should be the same position
	- Error is within 0.01 %R.O. applied with 1/2 of rated capacity at the position of 100 mm of eccentricity.

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