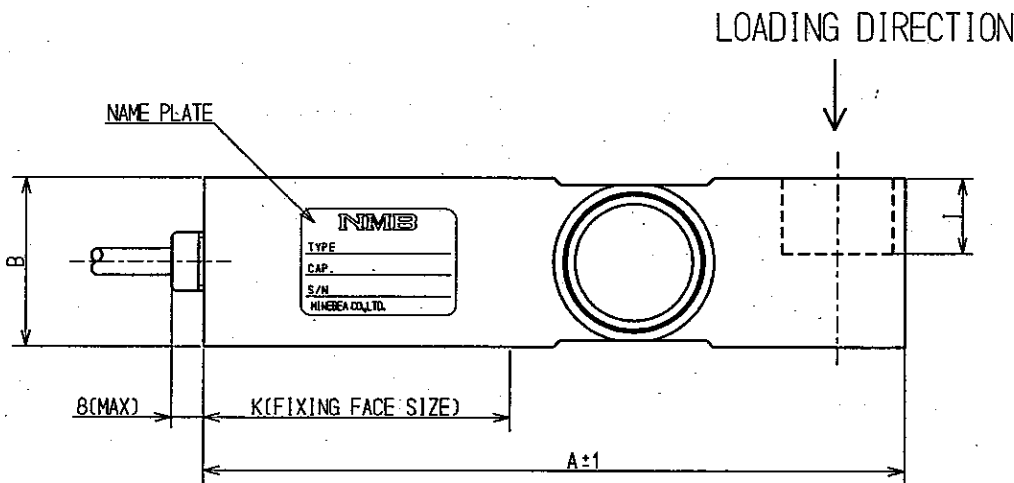
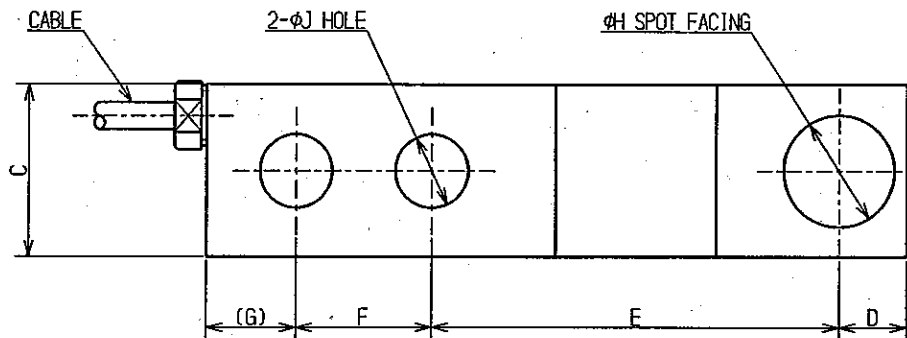
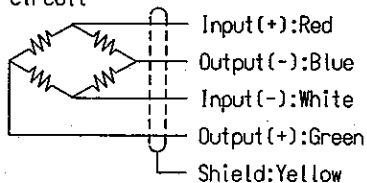


LOADCELL TYPE C2B1--

SPECIFICATIONS

- PERFORMANCE
 - Rated capacity(R.C.) : 2.452 kN { 250 kgf }
4.903 kN { 500 kgf }
9.807 kN { 1 tf }
19.61 kN { 2 tf }
29.42 kN { 3 tf }
39.23 kN { 4 tf }
 - Safe overload : 150 %R.C.
 - Ultimate overload : 200 %R.C.
 - Rated output(R.O.) : 2 mV/V±0.002 mV/V
(C2B1-250K : 1 mV/V±0.001 mV/V)
 - Non-linearity : 0.05 %R.O.
 - Hysteresis : 0.05 %R.O.
 - Repeatability : 0.025 %R.O.
 - Creep : 0.03 %R.O./20min
 - Creep recovery : 0.03 %R.O./20min
- ELECTRICAL
 - Recommended excitation : 12 V OR LESS
 - Maximum excitation : 20 V
 - Zero balance : ±0.02 mV/V
 - Input terminal resistance : 350 Ω±5 Ω
 - Output terminal resistance : 350 Ω±5 Ω
 - Insulation resistance : 2000 MΩ or more(DC-50V)
- TEMPERATURE
 - Compensated temperature range : -10 ℃ TO 70 ℃
 - Safe temperature range : -20 ℃ TO 80 ℃
 - Temperature effect : 0.05 %R.O./10℃
on zero balance (C2B1-250K : 0.10 %R.O./10℃)
 - Temperature effect : 0.02 %LOAD/10℃
on output
- THE OTHERS
 - Cable : φ4.7 4core shield 6m
CONNECTED WITH Y-TERMINAL(1.25Y-3.5)
 - Element Material : STAINLESS STEEL
 - Fatigue Life : 10⁶ TIMES ON RATED LOAD

Circuit



<OUTSIDE>

TYPE	UNIT:mm										
	A	B	C	D	E	F	G	φH	I	φJ	K
C2B1-250K	130	31	31	12.6	76.2	25.4	15.8	20.6	14.2	13.5	57.2
C2B1-500K											
C2B1-1T											
C2B1-2T	171.5	38.1	38.1	19.0	95.25	38.1	19.15	30.2	17.0	19.8	76.2
C2B1-3T											
C2B1-4T											

公布
K
S
T
F

単位 UNIT 尺規 SCALE NIS				材質 MATERIAL 表面粗さ SURF.ROUGH.		作成日 DATE 2004.3.3 品名 DESCRIPTION OUTLINE	
寸法 L 公差 一般 4<L≦16 ±0.1 公差 16<L≦63 ±0.2 公差 63<L≦250 ±0.3 公差 250<L≦1000 ±0.5 公差 高度 DEG ±0.5				熱処理 HEAT TREAT.		品番 PART NO.(MODEL NO.) 兼番 SHEET C2B1-250K~4T	
表面処理 FINISH				図番 DRAWING NO. KT51880-2		改訂 REV.	
符号 MARK 日付 DATE 変更事項 REASON ECN NO.				担当 ENGINEER 承認 APPROVED		承認 APPROVED F. IDE T. KIMURA A. Yoshitoko	
ミネベア株式会社 MINEBEA CO.,LTD. 計測機器事業部							