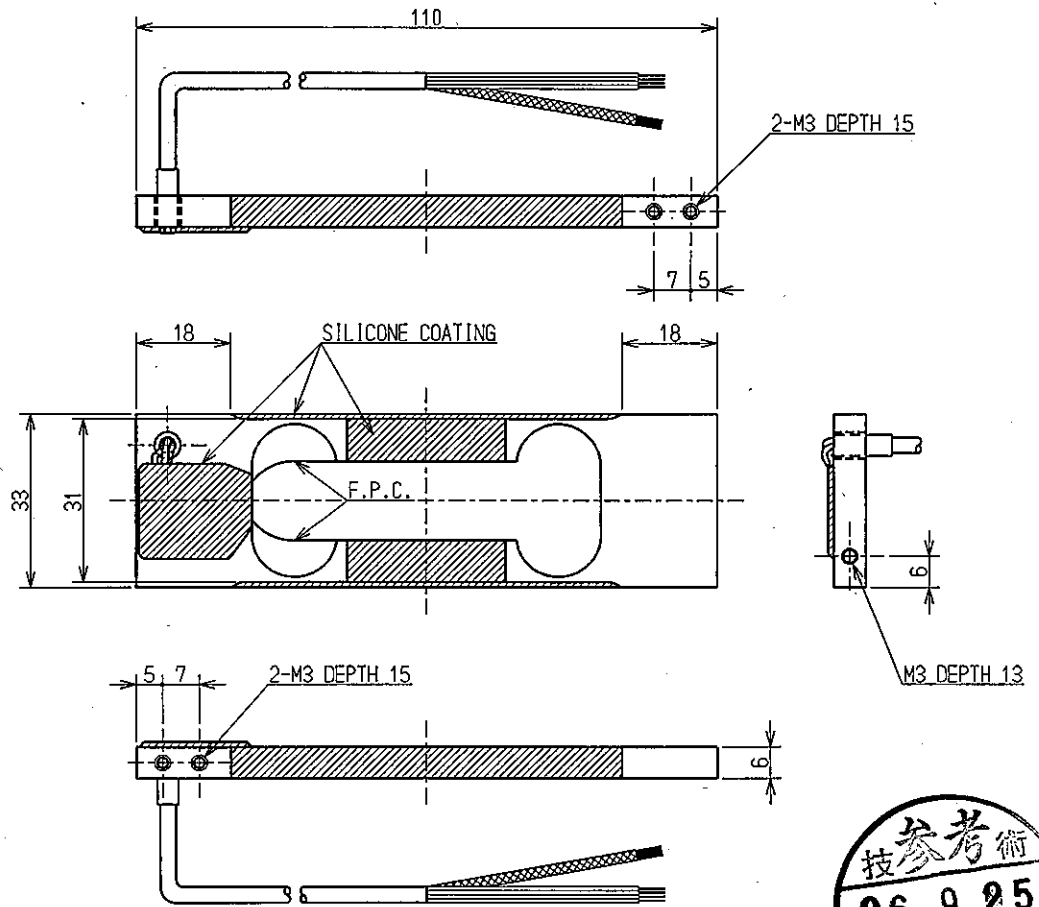
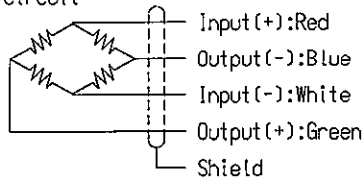


LOADCELL TYPE BCL-300GM~4.5K-A
SPECIFICATIONS

- PERFORMANCE
 - Rated capacity(R.C.) : 2.942 N { 300 gf }, 5.884 N { 600 gf },
11.77 N { 1.2 kgf }, 14.71 N { 1.5 kgf },
29.42 N { 3 kgf }, 44.13 N { 4.5 kgf }
 - Safe overload : 150 %R.C.
 - Ultimate overload : 200 %R.C.
 - Rated output(R.O.) : 1.6 mV/V±0.2 mV/V
 - Non-linearity : 0.02 %R.O.
 - Hysteresis : 0.02 %R.O.
 - Repeatability : 0.02 %R.O.
 - Creep : 0.02 %R.O./20min
 - Creep recovery : 0.02 %R.O./20min
- ELECTRICAL
 - Recommended excitation : 10 V or less
 - Maximum excitation : 15 V
 - Zero balance : ±0.04 mV/V
 - Input terminal resistance : 420 Ω±5 Ω
 - Output terminal resistance : 350 Ω±5 Ω
 - Insulation resistance (bridge-body) : 2000 MΩ or more(DC50 V)
- TEMPERATURE
 - Compensated temperature range : -10 ℃ to 50 ℃
 - Safe temperature range : -10 ℃ to 50 ℃
 - Temperature effect on zero balance : 0.04 %R.O./10℃
 - Temperature effect on output : 0.02 %LOAD/10℃
- INFLUENCE OF ECCENTRIC LOAD
 - Max size of the loading plate : 200 mm×200 mm(300GM TO 600GM)
300 mm×300 mm(1.2K TO 4.5K)
 - The center of loading plate : Be sure to adjust of loading plate to the center of load cell.
 - Measuring accuracy : Accuracy within 0.02 %R.O. with 1/2 of rated load applied at 50 mm from center.(300GM TO 600GM)
75 mm from center.(1.2K TO 4.5K)
- THE OTHERS
 - Cable : φ3.2 4core shield 40 cm
 - IP level : IP40
 - Material of element : ALUMINIUM ALLOY
 - Weight : approx 40 g
- Circuit



| |
|----|
| 公布 |
| K |
| S |
| T |
| F |

| | | | | | | | | | | |
|---------|---------|-------------|---------|-------------|---|---|---|---|--|---------------------|
| | | | | | ミネベア株式会社 MINEBEA CO.,LTD. 計測機器事業部 | | 単位 UNIT mm 尺規 SCALE FREE | 材質 MATERIAL 表面粗さ SURF.ROUGH. 熱処理 HEAT/TREAT. 表面処理 FINISH | 作成日 DATE 2006.8.21 品名 DESCRIPTION OUTLINE 品番 PART NO.(MODEL NO.) BCL-300GM~4.5K-A 図番 DRAWING NO. KT52299-2 | 葉番 SHEET 改訂 REV. |
| 行号 MARK | 日付 DATE | 変更事項 REASON | ECN NO. | 担当 ENGINEER | 承認 APPROVED | APPROVED CHECKED DRAWN F.F.F. AMURO M. Onuma | 寸法 L 公差 4<L<16 ±0.1 16<L<63 ±0.3 63<L<250 ±0.5 250<L<1000 ±0.8 角度 DEG ±0.5 | | | |