



|           |      |             |       |         |          |
|-----------|------|-------------|-------|---------|----------|
| REVISIONS |      | 6           | 7     | 8       |          |
| REV       | DATE | DESCRIPTION | DRAWN | CHECKED | APPROVED |

|                                    |          |              |
|------------------------------------|----------|--------------|
| Capacity(용량)                       | tf       | 50           |
| Rated Output(정격 출력)                | mV/V     | 3.0±0.006    |
| Zero Balance(무부하 범위)               | mV/V     | 0.0±0.03     |
| Combined Error(종합 오차)              | %RO      | 0.05         |
| Repeatability(반복 출력 허용)            | %RO      | 0.02         |
| Creep for (30min)N분출력편차            | %RO      | 0.03         |
| Temperature effect on(온도변화에 따른 범위) |          |              |
| Zero Value(영점값)                    | %RO/10°C | 0.03         |
| Output Value(출력값)                  | %RO/10°C | 0.03         |
| Excitation(인가전압)                   |          |              |
| Recommended(권고 전압)                 | V        | 10           |
| Maximum(최대 전압)                     | V        | 15           |
| Resistance(저항)                     |          |              |
| Input(입력저항)                        | Ω        | 350±3.5      |
| Output(출력저항)                       | Ω        | 350±5        |
| Insulation(절연저항)                   | MΩ       | >2000@50V DC |
| Compensated Temp.Range             | °C       | -10 ~ +40    |
| Operating Temp.Range(작동범위)         | °C       | -20 ~ +80    |

**Cable Color Code**  
 Ex+ ▷ Red  
 Ex- ▷ White  
 Sig+ ▷ Green  
 Sig- ▷ Blue  
 Shield  
 CABLE : PVC Ø7-6m

| NO                                    | TITLE     | MATERIAL                     | Q'TY                          | REMARKS  |                   |     |
|---------------------------------------|-----------|------------------------------|-------------------------------|--|-------------------|-----|
| TOLERANCES UNLESS OTHERWISE SPECIFIED |           | NAME OR TITLE                |                               | CURIOSITY TECHNOLOGY<br>CURIOTEC. CO. LTD<br>581-1, Yongmi-ri, Goangtan-myeon, Paju-si,<br>Gyeonggi-do, South KOREA, 413-855 |                   |     |
| ANGULAR ± 0.1                         |           | BLSC-50T<br>SPEC             |                               |  |                   |     |
| DECIMAL ± 0.1                         |           | FIRST USED IN ASSEMBLY       | MATERIAL Paint Finished Steel |  |                   |     |
| Q'TY/SET                              |           | FIRST MADE FOR               | END FINISH                    |  |                   |     |
| CONTRACT OR CUSTOMER NO               |           | DIMENSIONS ARE IN (MM), INCH |                               |  |                   |     |
| DRAWN                                 | CHECKED 1 | CHECKED 2                    | APPROVED                      | SCALE  | DRAWING.PART NO.  | REV |
| K.A.H                                 |           |                              |                               | N/S  | BLSC-50T<br>-SPEC | 0   |
| 2019.05.30                            |           |                              |                               |  |                   |     |