# Data sheet

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| Type | Single display |
| Display method | 4-digit 7-segment LED |
| Light source | Red LED(660nm) |
| Response time | 150$\mu$s, 500$\mu$s, 4ms |
| Power supply | 12-24VDC ⎓ ±10%(ripple P-P: max. 10%) |
| Current consumption | Max. 50mA |
| Operation mode | Light ON/Dark ON(set by parameter) |
| Control output | PNP open collector |
| Timer function | OFF, OFF Delay(10ms, 40ms) |
| Sensitivity adjustment | Manual Teaching(auto-tuning, 1-point, 2-point, positioning)<br>※ In multiple connection, batch teaching available |
| Communication | I2C(max. 8 units) |
| Environment_Ambient illumination | Sunlight: Max. 11,000lx, Incandescent lamp: Max. 3,000lx (received illumination) |
| Environment_Ambient temperature | -10 to 50℃, storage: -20 to 70℃ |
| Protection structure | IP40 |
| Environment_Ambient humidity | 35 to 85% RH, storage: 35 to 85% RH |
| Mutual interference prevention | Max. 8 unit sets(automatically set regardless of response time) |
| Material | Case: Polybutylene terephthalate, Cover: Polycarbonate |
| Accessories | Connector type wire(Ø4mm, 3-wire, 2m)(AWG22, core diameter: 0.08mm, number of cores: 60, insulator out diameter: Ø1.25mm), Side connector |
| Weight | Approx. 138g(approx. 20g) |

※The weight includes packaging. The weight in parenthesis is for unit only.
※The temperature or humidity mentioned in Environment indicates a non freezing or condensation.