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Data sheet

Type Single display Display method 4-diglt 7-segment LED Light source Red LED(660nm) Response time 150 µs, 500 µs, 4ms Power supply 12-24 VDC == 210%(ripple P-P: max. 10%) Current consumption Max. 50 mA Operation mode Light ON/Dark ON(set by parameter) Control output PPN popen collector Timer function OPF, DFP Delay(10ms, 40ms) Sensitivity adjustment Manual Tesching(auto-tuning, 1-point, 2-point, positioning) % in multiple connection, batch teaching available Communication 12C(max. 8 units) Environment_Ambient illumination Sunlight Max. 11,000lx, incandescent lamp: Max. 3,000lx (received illumination) Environment_Ambient temperature -10 to 50°C, storage-20 to 70°C 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 Cases Polybuty/ene terepithalate, Cover: Polycarbonate Accessories Cipica Connector Weight Approx. 138glapprox. 20gl		
Light source Red LED(660nm)	Туре	Single display
Response time 150µs, 500µs, 4ms Power supply 12-24VDC = ±10¼(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) ※ In multiple connection, batch teaching available Communication 12C(max. 8 units) Environment_Ambient illumination Sunlight: Max. 11,000k, Incandescent lamp: Max. 3,000k (received illumination) Environment_Ambient temperature 1P40 Environment_Ambient indidity 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 Connector type wire(Ø4mm, 3-wire, 2m)(AWG22, core diameter 0.08mm, number of cores. 60, insulator out diameter: Ø1.25mm), Side connector	Display method	4-digit 7-segment LED
Power supply 12-24VDC == ±10%(ripple P-P: max. 10%) Current consumption Max. 50mA Operation mode Uight 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)	Light source	Red LED(660nm)
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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) % in multiple connection, batch teaching available Communication I2C(max. 8 units) Environment_Ambient illumination Sunlight: Max. 11,000k, Incandescent lamp: Max. 3,000k (received illumination) Environment_Ambient temperature IP40 Environment_Ambient humidity 35 to 85% RH, storage: 35 to 85% RH Mutual interference prevention Max. 8 units sets(automatically set regardless of response time) Material Case: Polybutylene terephthalate, Cover: Polycarbonate Connector type wire(Ø4mm, 3-wire, 2m)(AWG22, core diameter: 0.08mm, number of cores: 60, insulator out diameter: Ø1.25mm), Side connector	Power supply	12-24VDC ±10%(ripple P-P: max. 10%)
Control output PNP open collector Timer function OFF, OFF Delay(10ms, 40ms) Sensitivity adjustment Manual Teaching(auto-tuning, 1-point, 2-point, positioning)	Current consumption	Max. 50mA
Timer function OFF, OFF Delay(10ms, 40ms) Sensitivity adjustment Manual Teaching(auto-tuning, 1-point, 2-point, positioning) ※ 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°C, storage: -20 to 70°C 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	Operation mode	Light ON/Dark ON(set by parameter)
Sensitivity adjustment Manual Teaching(auto-tuning, 1-point, 2-point, positioning) **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°C, storage: -20 to 70°C 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	Control output	PNP open collector
**In multiple connection, batch teaching available Communication	Timer function	OFF, OFF Delay(10ms, 40ms)
Environment_Ambient illumination Environment_Ambient temperature -10 to 50°C, storage: -20 to 70°C 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	Sensitivity adjustment	
Sunlight: Max. 11,000 k, Incandescent lamp: Max. 3,000 k (received illumination) Environment_Ambient temperature 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 Connector type wire(Ø4mm, 3-wire, 2m)(AWG22, core diameter: 0.08mm, number of cores: 60, insulator out diameter: Ø1.25mm), Side connector	Communication	I2C(max. 8 units)
remperature 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 Connector type wire(Ø4mm, 3-wire, 2m)(AWG22, core diameter: 0.08mm, number of cores: 60, insulator out diameter: Ø1.25mm), Side connector	_	Sunlight: Max. 11,000lx, Incandescent lamp: Max. 3,000lx (received illumination)
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Mutual interference prevention Max. 8 unit sets(automatically set regardless of response time) Material Case: Polybutylene terephthalate, Cover: Polycarbonate Connector type wire(Ø4mm, 3-wire, 2m)(AWG22, core diameter: 0.08mm, number of cores: 60, insulator out diameter: Ø1.25mm), Side connector	Protection structure	IP40
Material Case: Polybutylene terephthalate, Cover: Polycarbonate Connector type wire(Ø4mm, 3-wire, 2m)(AWG22, core diameter: 0.08mm, number of cores: 60, insulator out diameter: Ø1.25mm), Side connector	Environment_Ambient humidity	35 to 85% RH, storage: 35 to 85% RH
Accessories Connector type wire(Ø4mm, 3-wire, 2m)(AWG22, core diameter: 0.08mm, number of cores: 60, insulator out diameter: Ø1.25mm), Side connector	Mutual interference prevention	Max. 8 unit sets(automatically set regardless of response time)
Accessories Side connector	Material	Case: Polybutylene terephthalate, Cover: Polycarbonate
Weight Approx. 138g(approx. 20g)	Accessories	
	Weight	Approx. 138g(approx. 20g)

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[%]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.