

Camera-mount Lighting Controller for FL Series FL-TCC Series

Specifications

Lighting Controller

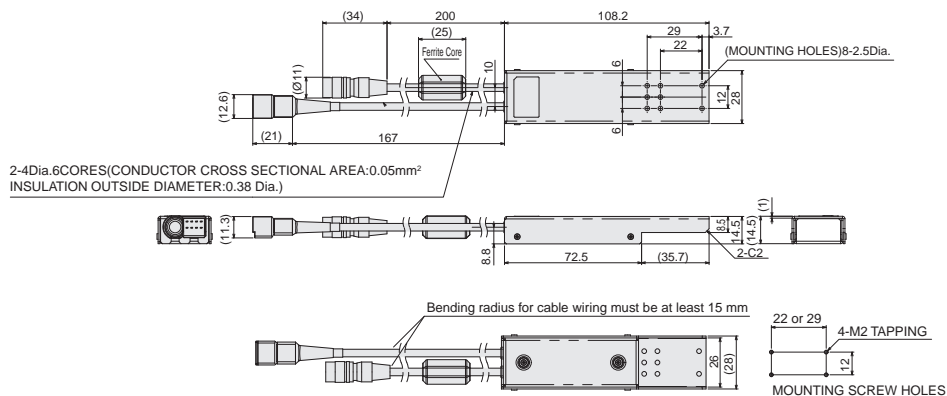
| Product type | | Lighting Controller |
|---------------------------|-----------------------------|--|
| Model | | FL-TCC1 |
| Input voltage | | Supplied from applicable camera. |
| Applicable camera | | FH-S/SC/S02/SC02/S04/SC04, FZ-S/SC/S2M/SC2M/S5M2/SC5M2/SH/SHC/SF/SFC/SP/SPC, FQ-MS series and others. |
| Applicable controller | | FH series |
| Power consumption | | 10 W, 0.9 A max. (including the lighting section) |
| Number of output channels | | 1 |
| Applicable light | | FL-□ series |
| Luminance control method | Functions | PWM frequency: 100 kHz, Light adjustment: 255 levels (set with the Controller) |
| | Trigger lighting | Lighting ON synchronized with trigger input timing from the Controller. (Auto setting in accordance with the shutter speed.) |
| | Trigger lighting delay time | Ton: 30 μs max. (Trigger ready μs) Toff: 10 μs max. |
| External interface | | Dedicated communication connector |
| Ambient temperature | | Operating: 0 to 50°C, Storage: -15 to 60°C (with no icing or condensation) |
| Ambient humidity | | Operating/storage: 35% to 85% (with no condensation) |
| Vibration resistance | | 10 to 55 Hz, (0.7 mm double amplitude) 80 min each in X, Y, and Z directions |
| Shock resistance | | 150 m/s² 3 times each in 6 directions (up/down, left/right, forward/backward) |
| Materials | | Case: SECC, Cable: PVC |
| Degree of protection | | IP20 (IEC60529) |
| Weight | | Approx. 110 g |
| Accessories | | Instruction sheet, Insulation sheet, Mounting screw (M2 x 6 mm) x 4 |
| Applicable standards | | EN61326-1 *, KC |

* Electromagnetic environment: Industrial electromagnetic environment (EN/IEC 61326-1 Table 2)
Also, the following condition is applied to the immunity test of this product.
There are case that Lighting brightness fluctuate Max 10%.

Dimensions

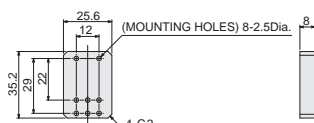
(Unit:mm)

Lighting Controller FL-TCC1



Options

Camera Mounting Spacer FL-TCC1-XSP (sold separately)



Camera Mounting Attachment FL-TCC1-XAT (sold separately)

