

FP MONO LED K DC HQ8**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Energy-efficient emergency lighting with a long service life**

- **developed and to be used in accordance with DIN EN 60598-2-22**
- LED lamp for harsh environmental conditions (shocks and vibration, temperature range)
- higher energy efficiency and service life than fluorescent lamps
- Can be used worldwide thanks to the multi-voltage input (20 V...60 VDC)
- high fire protection classification V0
- Beam direction to one side
- 5W Power

Versions

- Pluggable with heavy duty connector and round connector
- Pre-assembled 2.5 mm²

General ordering data

| | |
|------------|----------------------------|
| Order No. | 1507050000 |
| Type | FP MONO LED K DC HQ8 |
| GTIN (EAN) | 4050118315448 |

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Technical data

Dimensions and weights

| | | | |
|------------|--------|-----------------|-------------|
| Height | 68 mm | Height (inches) | 2.677 inch |
| Width | 104 mm | Width (inches) | 4.094 inch |
| Length | 271 mm | Length (inches) | 10.669 inch |
| Net weight | 552 g | | |

Temperatures

| | | | |
|---------------------|----------------|-----------------------|----------------|
| Storage temperature | -40 °C...85 °C | Operating temperature | -40 °C...70 °C |
| Humidity | 92 % @ 25 °C | | |

General data

| | | | |
|---|---------------------------------|--|--|
| Amplitude of acceleration | 5 m/s ² (@ 9-200 Hz) | Amplitude of deflection | 1.5 mm (2-9 Hz) |
| Connector cross-section, max. | 2.5 mm ² | Connector cross-section, min. | 0.5 mm ² |
| Efficiency class (according to EU Directive No. 874/2012) | E | Halogen | No |
| Height | ≤ 3000 m | Insulation voltage | <500 V (housing/PE) |
| LED operating life | > 50.000 h | Light colour (CCT) | Cool White, 6000K, 6000K |
| Light current | 454 lm | Mounting position, installation notice | Arbitrary |
| Peak acceleration, type L | 70 m/s ² | Pollution severity | 2 |
| Protection class | II | Protection degree | IP54 |
| Shape of the LED module | Other | Shock resistance EN 60721-3-3 | Class 3M3 portable |
| Short-circuit protection | Yes, internal | Silicone | No |
| Surge voltage category | II | Type of connection | Plug-in connector with fixed number of poles, HQ 8 |
| UL 94 flammability rating | V-0 | Vibration resistance EN 60721-3-3 | Class 3M3 sinusoidal, stationary |

Rated data acc. to IEC 60598-1

| | | | |
|------------------------|---------------|---------------|---|
| DC input voltage range | 24...120 V DC | Input voltage | 21.6 V ... 144 V DC /protected against reverse polarity |
| Power rating | 5 W | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC001959 | ETIM 7.0 | EC001959 |
| ETIM 8.0 | EC001959 | ETIM 9.0 | EC001959 |
| ECLASS 9.0 | 27-11-06-40 | ECLASS 9.1 | 27-11-06-40 |
| ECLASS 10.0 | 27-11-06-40 | ECLASS 11.0 | 27-11-06-40 |
| ECLASS 12.0 | 27-11-06-40 | ECLASS 13.0 | 27-11-06-40 |

Environmental Product Compliance

| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol 119-47-1 |
| SCIP | cfe9d4bf-2d88-4e4b-aa73-fe200a7615a0 |

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Technical data

Approvals

Approvals



| | |
|-------------------------|------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate no. (cULus) | E345151 |

Downloads

| | |
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| Catalogues | Catalogues in PDF-format |
|------------|--|