

**FP DUO DC HQ8 MF MA SP****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 two sides
- 5W Power

**Versions**

- Pluggable with heavy duty connector and round connector
- Pre-assembled 2.5 mm<sup>2</sup>

**General ordering data**

Order No.	<a href="#">2663580000</a>
Type	FP DUO DC HQ8 MF MA SP
GTIN (EAN)	4050118700978

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## Technical data

## Dimensions and weights

Depth	104 mm	Depth (inches)	4.094 inch
Height	121 mm	Height (inches)	4.764 inch
Width	238 mm	Width (inches)	9.37 inch
Net weight	450 g		

## Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...55 °C
Humidity	92 % @ 25 °C		

## General data

Amplitude of acceleration	5 m/s <sup>2</sup> (@ 9-200 Hz)	Amplitude of deflection	1.5 mm (2-9 Hz)
Connector cross-section, max.	2.5 mm <sup>2</sup>	Connector cross-section, min.	0.5 mm <sup>2</sup>
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	496 lm	Light current (in total in both directions)	496 lm
Luminosity	5,000 cd	Mounting position, installation notice	Arbitrary
Peak acceleration, type L	70 m/s <sup>2</sup>	Pollution severity	2
Protection class	II	Protection degree	IP54
Rated voltage	24 V	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	Type of mounting	Magnet
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	20...60 V DC	Power rating	5 W
Rated current	0.2 A		

## Classifications

ETIM 6.0	EC000996	ETIM 7.0	EC000996
ETIM 8.0	EC000996	ETIM 9.0	EC000996
ECLASS 9.1	27-11-06-35	ECLASS 10.0	27-11-06-35
ECLASS 11.0	27-11-06-35	ECLASS 12.0	27-11-06-35
ECLASS 13.0	27-11-06-35	ECLASS 14.0	27-11-06-35

## 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	1058cf56-abda-4cb6-a963-1c7ea664989f
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c, 7a, 7cl

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## Technical data

## Approvals

Approvals



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

## Downloads

Catalogues	<a href="#">Catalogues in PDF-format</a>
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## Drawings

