FP MONO LED DC SA

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.	1488520000
Type	FP MONO LED DC SA
GTIN (EAN)	4050118298666

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Technical data

Dimensions and weights

Depth	208 mm	Depth (inches)	8.189 inch
Height	55 mm	Height (inches)	2.165 inch
Width	104 mm	Width (inches)	4.094 inch
Length	208 mm	Length (inches)	8.189 inch
Net weight	602 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/s² (@ 9-200 Hz)	Amplitude of deflection	1.5 mm (2-9 Hz)
Connector cross-section, max.	2.5 mm²	Connector cross-section, min.	0.5 mm²
Efficiency class (according to EU Directive No. 874/2012)	F	Halogen	yes (PVC cable)
Height	≤ 3000 m	Insulation voltage	< 500 V (housing/PE)
LED operating life	> 50.000 h	Light colour (CCT)	Cool White, 6000K
Light current	393 lm	Line type	Heluwind WK 103w-Torsion 2x2.5 mm²
Luminosity	6,000 cd	Mounting position, installation notice	Arbitrary
Peak acceleration, type L	70 m/s²	Pollution severity	2
Pre-assembled connector cross-section	2.5 mm²	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	Open cable end/length 2 m
Type of mounting	Screw mounting	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		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3
SCIP	4d250b5c-eac1-4909-8961-91bf1e921213

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Technical data

Approvals

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

Downloads

Catalogues	Catalogues in PDF-format

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Drawings



