

VL3 FPM 121 - Monitor

1580720

<https://www.phoenixcontact.com/us/products/1580720>



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VL3 FPM 121 is a 12.1-inch, 1280 x 800, industrial touch, IP66-rated, flat panel monitor with the look and dimensions of the WP 6.../TP 6... and VL3 PPC.

Product description

The Valueline VL3 FPM is an industrial, flat-panel monitor for use in applications where a remote display location is required.

Your advantages

- 12.1" display
- DisplayPort, VGA, and HDMI input ports
- 2x USB Ports for Keyboard & Mouse use
- Ambient operating temperatures from -20 °C ... 60 °C

Commercial data

Item number	1580720
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR12
Product key	DRBAAD
GTIN	4067923072411
Weight per piece (including packing)	4,900 g
Weight per piece (excluding packing)	3,200 g
Country of origin	TW

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Technical data

Notes

Note on application	Only for industrial use
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Product properties

Product type	Monitor
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Computer data

Extras	without
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Display

Display type	30.7 cm / 12.1"-TFT
Screen resolution	1280 x 800 Pixel(s)
Display formats	16:10
Touch technology	Capacitive multi-touch screen
Display lighting type	LED
Brightness	400 cd/m ²
MTBF	50000 h
Color spectrum	16.7 million colors

Electrical properties

Supply

Supply voltage	24 V DC $\pm$ 20%
Max. current consumption	0.84 A (24 V DC)

Connection data

Power supply

Connection method	Push-in technology
Conductor cross-section, rigid	0.2 mm ² ... 1.5 mm ²
Conductor cross-section AWG	24 ... 16
Stripping length	30 mm

Interfaces

Interfaces	1x USB Type A (For touch control only)
	1x DisplayPort
	1x HDMI
	1x VGA

Dimensions

External dimensions

Width / Height / Depth	302 mm / 229 mm /
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Installation dimensions

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Width / Height / Installation depth	292 mm / 219 mm / 52 mm (Panel cutout)
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Material specifications

Color (Housing)	white aluminium (RAL 9006)
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66 (front (panel mount))
	IP30 (back/all around when VESA installed)
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Altitude	≤ 2000 m
Permissible humidity (operation)	10 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	10 % ... 95 % (non-condensing)
Shock	15g, 11 ms in accordance with IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

Mounting

Mounting type	Panel cutout
	VESA holder
Holder system	VESA MIS-D 100 C (Voids UL 61010 listing)

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Approvals

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	IECEE CB Scheme Approval ID: US-45363-UL
	cULus Listed Approval ID: E238705-D1066 UL CoC
	cULus Listed Approval ID: E196811-20250620

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Classifications

ECLASS

ECLASS-13.0	19200201
ECLASS-15.0	19200201

ETIM

ETIM 10.0	EC004862
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-15
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
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