

# Monitor - VL FPM 12U - 2913016

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12.1"/30.7 cm flat panel LCD monitor with resistive touch screen. Includes two rear USB ports and one front USB port.


15" display shown

## Product Description

Valueline® flat panel monitors can be used in applications where a remote display location is required. They can be mounted in an enclosure (panel mount) or attached to a VESA mount. The VL FPM... works together with any Valueline box IPC or any computer with a VGA or DVI port.



## Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 662253
GTIN	404635662253

## Technical data

### Dimensions

Installation dimensions: width, height, depth	334 mm x 253 mm (Panel cutout)
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### Display

Display type	30.7 cm/12.1" TFT
Screen resolution	800 x 600 Pixel(s) (SVGA)
Touch technology	analog resistive (polyester)
Brightness	400 cd/m <sup>2</sup> , typical (adjustable)
Backlighting	CCFL
Display backlight MTBF	> 50000 h
Colors	16.2 million colors

### Monitor data

Network	Without network
Interfaces	1x USB 1.1, Typ A
	1x USB 2.0, Typ A

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## Technical data

### Monitor data

	1x USB on front
Monitor output	1x DVI-D
	1x VGA
Slots	without slots

### General

Mounting type	VESA MIS-D, 100/75, C
	Front installation
Weight	4.46 kg

### Ambient conditions

Degree of protection	IP65 (front), IP20 (back)
Ambient temperature (operation)	0 °C ... 55 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Permissible humidity (operation)	5 % ... 95 %
Permissible humidity (storage/transport)	5 % ... 95 %
Vibration (operation)	DIN EN 60068-2-6
Shock	15g, 11 ms in accordance with IEC 60068-2-27

### Device supply

Supply voltage	24 V DC (typical)
Supply voltage range	19.2 V DC ... 28.8 V DC
Power supply unit	24 V DC ±20 %

### Standards and Regulations

Shock	15g, 11 ms in accordance with IEC 60068-2-27
Vibration (operation)	DIN EN 60068-2-6

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Classifications

### eCl@ss

eCl@ss 4.0	24010600
eCl@ss 4.1	24010600
eCl@ss 5.0	27360300
eCl@ss 5.1	27242400
eCl@ss 6.0	19200200
eCl@ss 7.0	19200201
eCl@ss 8.0	19200201

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## Classifications

### eCl@ss

eCl@ss 9.0	19200103
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### ETIM

ETIM 3.0	EC001425
ETIM 4.0	EC001428
ETIM 5.0	EC001428
ETIM 6.0	EC001414
ETIM 7.0	EC001414

### UNSPSC

UNSPSC 6.01	43172401
UNSPSC 7.0901	43211902
UNSPSC 11	43172401
UNSPSC 12.01	43211902
UNSPSC 13.2	43211902
UNSPSC 18.0	43211509
UNSPSC 19.0	43211509
UNSPSC 20.0	43211509
UNSPSC 21.0	43211509

## Accessories

### Accessories

#### Operating stylus

Touch pen - TOUCH PEN - 2701379



Touch pen for analog-resistive HMIs, silver coated. Delivery includes self-adhesive pen holder.

## Spare parts

Printed-circuit board connector - MSTB 2,5/ 3-STF - 1786844



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 3, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

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