

# BL FPM 18.5 - Monitor

2402981

<https://www.phoenixcontact.com/us/products/2402981>

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IP65-rated, 18.5-inch, flat-panel LCD monitor with projective capacitive touch screen

## Product description

The Basicline BL FPM 18.5 is an industrial flat-panel monitor that can be used in applications where a remote display location is required.

## Your advantages

- 18.5" display
- DisplayPort 1.2, VGA, and DVI-I input ports
- Integrated configuration buttons
- Ambient operating temperatures from -10 °C ... 60 °C
- 18.5" touch screen display

## Commercial data

Item number	2402981
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR12
Product key	DRBABD
GTIN	4055626202303
Weight per piece (including packing)	8.522 kg
Weight per piece (excluding packing)	7.15 kg
Customs tariff number	85299020
Country of origin	TW

## Technical data

### Notes

#### Note on application

Note on application	Only for industrial use
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### Product properties

Product type	Monitor
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#### Computer data

Processor	without processor
Operating system	without operating system
RAM	without RAM
Data storage system	without data storage
Cooling	passive
Slots	without slots
Optical drive	without drive
Extras	without

#### Display

Display type	46.9 cm / 18.5"-TFT
Screen resolution	1366 x 768 Pixel(s) (WXGA)
Touch technology	projective-capacitive, ten-touch control
Display lighting type	LED
Brightness	300 cd/m <sup>2</sup> , typical (adjustable)
MTBF	> 50000 h
Color spectrum	16.7 million colors

### Electrical properties

#### Supply

Supply voltage	24 V DC (±10 %)
Power supply unit	24 V DC
Max. current consumption	0.74 A

### Connection data

Connection method	Screw connection
Conductor cross-section, rigid	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section, flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section AWG	24 ... 12
Stripping length	7 mm

### Interfaces

Interfaces	1x USB Type A (For touch control only) 1x DisplayPort
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Monitor output	1x DVI-D
	1x VGA
Network	without network

## Dimensions

### External dimensions

Width / Height / Depth	491 mm / 321 mm / 52 mm
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### Installation dimensions

Width / Height / Installation depth	475 mm / 306 mm /
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP65 (front), IP20 (back)
Ambient temperature (operation)	-10 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 75 °C
Permissible humidity (operation)	10 % ... 90 % (non-condensing)
Shock	15g, 11 ms impulse
Vibration (operation)	1g

## Mounting

Mounting type	Front mounting
	VESA holder
Holder system	VESA MIS-D 100 C

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## Approvals

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**UL Listed**

Approval ID: E238705



**cUL Listed**

Approval ID: E238705



**EAC-RoHS**

Approval ID: RU D-DE.HB35.B.00389

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## Classifications

### ECLASS

ECLASS-13.0

19200201

### ETIM

ETIM 9.0

EC001428

### UNSPSC

UNSPSC 21.0

43211900

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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-50
	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)
SCIP	09c2b128-e744-4271-8406-b92592f67f2a

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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)