

# 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
Sales Key	DR12
Product Key	DRBABD
Catalog Page	Page 485 (C-6-2019)
GTIN	4055626202303
Weight per Piece (including packing)	8.522 kg
Weight per Piece (excluding packing)	6.538 kg
Customs tariff number	85299020
Country of origin	TW

## Technical Data

### Product properties

Product type	Monitor
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### Computer data

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

### 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)
Monitor output	1x DisplayPort
	1x DVI-D
	1x VGA
Network	Without network

### Dimensions

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## 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



**EAC**

Approval ID: RU C-DE.A\*08.B01708



**UL Listed**

Approval ID: FILE E 238705



**cUL Listed**

Approval ID: FILE E 238705



**EAC**

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

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## Classifications

### ECLASS

ECLASS-11.0	19200201
ECLASS-12.0	19200201
ECLASS-13.0	19200201

### ETIM

ETIM 8.0	EC001428
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### UNSPSC

UNSPSC 21.0	43211900
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## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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## Accessories

### VL 2.0M DP CABLE - Connecting cable

2404774

<https://www.phoenixcontact.com/us/products/2404774>

DisplayPort (DP) cable (2 m) for use with industrial computers



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### BL FPM MOUNTING KIT - Mounting flange

2403287

<https://www.phoenixcontact.com/us/products/2403287>

IPC mounting block style C. Compatible with BL FPM...



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## BL FPM 1.8M DP CBL ACCESSORY - Connecting cable

2404155

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1.8 m DP to DP cable

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## BL FPM 1.8M DVI CBL ACCESSORY - Connecting cable

2404153

<https://www.phoenixcontact.com/us/products/2404153>



1.8 m DVI to DVI cable



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## MSTB 2,5/ 3-STF - PCB connector

1786844

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PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 3, number of rows: 1, number of positions: 3, number of connections: 3, product range: MSTB 2,5/..-STF, pitch: 5 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, locking clip: - without locking clip, plug-in system: COMBICON MSTB 2,5, locking: Screw locking, mounting: Screw flange, type of packaging: packed in cardboard

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