

# 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 |
|---------------------|-------------------------|

### Product properties

|              |         |
|--------------|---------|
| Product type | Monitor |
|--------------|---------|

#### 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)<br>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 |
|------------------------|-------------------------|

### Installation dimensions

|                                     |                   |
|-------------------------------------|-------------------|
| Width / Height / Installation depth | 475 mm / 306 mm / |
|-------------------------------------|-------------------|

## 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

## 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 |