

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)	7.3 g
Weight per piece (excluding packing)	7.15 g
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
RAM	without RAM
Data storage system	without data storage
Cooling	passive
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 ² , 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 ² ... 2.5 mm ²
Conductor cross section, flexible	0.2 mm ² ... 2.5 mm ²
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

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2402981>



EAC

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



UL Listed

Approval ID: FILE E 238705



cUL Listed

Approval ID: FILE E 238705



EAC-RoHS

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

cULus Listed

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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC001428
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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)
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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



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

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

<https://www.phoenixcontact.com/us/products/1786844>



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: 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 mechanism, mounting: Screw flange, type of packaging: packed in cardboard

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