

BWP 2070W - Web panel

1060632

<https://www.phoenixcontact.com/us/products/1060632>

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Web panel, 17.8 cm / 7"-TFT display (analog resistive), 800 x 480 pixel(s) (WVGA), 16.7 million colors, i.MX 6DualLite, 1 GHz, 1x USB 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Yocto/Linux®, QT browser, without bus system.



Commercial data

Item number	1060632
Packing unit	100 pc
Minimum order quantity	1 pc
Sales key	DR17
Product key	DRCEBF
GTIN	4055626711652
Weight per piece (including packing)	688.5 g
Weight per piece (excluding packing)	665.7 g
Customs tariff number	84714100
Country of origin	IN

Technical data

Notes

Note on application

Note on application	Only for industrial use
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Product properties

Product type	Operator panel
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Computer data

Processor	i.MX 6DualLite, 1 GHz
Operating system	Yocto/Linux®
RAM	1 GB DDR3 SDRAM
Data storage system	Flash eMMC, 4 GB

Display

Display type	17.8 cm / 7"-TFT
Screen resolution	800 x 480 Pixel(s) (WVGA)
Touch technology	analog resistive
Display lighting type	LED
Brightness	350 cd/m ²
MTBF	25000 h
Color spectrum	16.7 million colors
Reading angle left	70.00 °
Reading angle right	70.00 °
Reading angle top	50.00 °
Reading angle bottom	70.00 °

Interfaces

Interfaces	1x USB 2.0
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	without bus system

System properties

User software	QT browser
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Electrical properties

Supply

Supply voltage (DC)	24 V DC ±15 %
Supply voltage range	20.4 V DC ... 27.6 V DC
Power supply unit	24 V DC ±15 %
Typical current consumption	0.25 A

Mounting

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Mounting type	Front mounting
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Material specifications

Color (Housing)	black (RAL 9005)
Housing material	Plastic

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66 (front), IP20 (back)
Ambient temperature (operation)	0 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 85 °C
Permissible humidity (operation)	10 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	10 % ... 95 % (non-condensing)
Shock	DIN EN 60068-2-27
Vibration (operation)	DIN EN 60068-2-6

Dimensions

External dimensions

Width / Height / Depth	186 mm / 138 mm / 5 mm (Dimensions of the front plate)
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Installation dimensions

Width / Height / Installation depth	175 mm / 127 mm / 31 mm (Installation cutout)
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Approvals

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cUL Listed

Approval ID: E196811



UL Listed

Approval ID: FILE E 196811

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Classifications

ECLASS

ECLASS-13.0	27330201
ECLASS-15.0	27330201

ETIM

ETIM 10.0	EC001412
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UNSPSC

UNSPSC 21.0	43211900
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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