

B-PRIMIS DC-PRO 4

INFORMATION TECHNICAL DATA

P. 1/2

B-Primis DC-PRO 4	Specification				
	DC-Pro 4 S01	DC-Pro 4 S02	DC-Pro 4 S03	DC-Pro 4 S04	DC-Pro 4 S05
Order number	S-01010103-0101	S-01010103-0201	S-01010103-0301	S-01010103-0401	S-01010103-0501
Order number Dualcore	-	-	-	S-01010103-2401	S-01010103-2501
Dimensions WxHxD [mm]	161 x 103 x 42				
Display diagonals/resolution	4,3" Display / 480 x 272 (WQVGA)				
Touch operation	Resistive				
Colours	TFT: 16,7 M (24 Bit/Pixels)				
Weight	approx. 450 g				
Mounting	Integrated securing clips				
Certification	CE (EN 61131-2) / UL_{us} (UL 61010-2-201)				
CPU	800 MHz ARM® CPU with Cortex™-A9 Single Core / Dualcore: 2x 800 MHz ARM® CPU with Cortex™-A9				
RAM / Flash / Retain	256 MB RAM / 256 MB Flash / 100 kB Retain				
	-	-	-	512 MB RAM / 256 MB Flash / 100 kB Retain	
Communication interfaces	1x Ethernet, 10/100 Base, RJ45				
	1x EtherCAT, RJ45				
	-	-	1x CAN Bus, RJ45		2x CAN Bus, RJ45
	-	-	-	1x RS232/485 Combo	
Protocols	Standard: EtherCAT Master, CANOpen Master, NTP, FTP Optional: Modbus RTU/TCP, SNMP, OPCuA, J1939, Ethernet/IP, PROFINET, BACnet, KNX, IoT				
Visualization	Target Visu (VNC Server), Optional: Web Visu (Web Server, HTML5)				
Additional features	1x Host USB 2.0 / USB plug type A				
	-	-	1x Micro SD-Card slot up to 32 GB		
Digital I/O´s	4x digital inputs, 4x digital outputs (0,5A)				
Analogue I/O´s	- 4x analog input (-10V..+10V, 2x PT100/PT1000) Resolution: 24 Bit				
Supply voltage	+24 VDC (-15% / +20%) SELV max. AC voltage component 5% with reverse voltage protection				
Current consumption device	Typ. 0,3 A, max. 1,2 A at +24 VDC				
Current consumption dig. outputs	depending on output load, continuous max. 2A				
Operating conditions Transport / storage	Ambient temperature: operational: 0 °C to 55 °C / transport -20 °C to +70 °C Ambient temperature: operational Dualcore: 0 °C to 50 °C / transport -20 °C to +70 °C Relative humidity: max. 85%, non-condensing				

You can reach us at:

T: +49.7121.894-0 | E: controls@berghof.com

Berghof Automation GmbH | Arbachtalstraße 26 | 72800 Eningen u.A.

www.berghof-automation.com | Subject to changes and errors.



B-PRIMIS DC-PRO 4

INFORMATION TECHNICAL DATA

P.2/2

B-Primis DC-Pro 4,3“	Specification				
	DC-Pro 4 S01	DC-Pro 4 S02	DC-Pro 4 S03	DC-Pro 4 S04	DC-Pro 4 S05
EMC, Protection type					
Emitted interference	EN 61131-2; EN 61000-6-3, living area				
Immunity to interference	EN 61131-2; EN 61000-6-2, industrial area				
Protection class	III				
Insulation strength	EN 61131-2				
Protection type	IP20, Front IP54 (IP65 only with twist locks catches tightened)				
Vibration	Sinusodial (EN 60068-2-6) test: Fc; 10 ... 150 Hz, 1 G (operation mode)				
Schock resistance	15 G (ca. 150 m/s ²), 11 ms duration, half-sine (EN 60068-2-27) test: Ea				

You can reach us at:

T: +49.7121.894-0 | E: controls@berghof.com

Berghof Automation GmbH | Arbachtalstraße 26 | 72800 Eningen u.A.

www.berghof-automation.com | Subject to changes and errors.

