

B-PRIMIS DC-PRO 4

INFORMATION TECHNICAL DATA

B-Primis DC-Pro 4	Specification			
	DC-Pro 4 S01	DC-Pro 4 S02	DC-Pro 4 S04	DC-Pro 4 S05
Order number	S-01010103-0101	S-01010103-0201	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) / \ulcorner 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			
Dualcore	-	-	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	1x μ SD-Slot			
	Standard: EtherCAT Master, CANOpen Master, NTP, FTP Optional: Modbus RTU/TCP, SNMP, OPCuA, J1939, Ethernet/IP, PROFINET, BACnet, KNX, IoT			
Visualization	Target Visu (Display), Optional: Web Visu (Web Server, HTML5)			
Additional features	1x Host USB 2.0 / USB plug type A			
	1x RTC, battery buffered			
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	Max. 0.3 A at +24 VDC			
Current consumption dig. outputs	depending on output load, continuous max. 2.7 A			
Operating conditions	Ambient temperature: operational: 0 °C to 55 °C / transport -20 °C to +70 °C			
Transport / storage	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

B-Primis DC-Pro 4	Ausprägungen			
Bezeichnung	DC-Pro 4 S01	DC-Pro 4 S02	DC-Pro 4 S04	DC-Pro 4 S05
EMV, Schutzart				
Störaussendung	EN 61131-2; EN 61000-6-3, Wohnbereich			
Störunempfindlichkeit	EN 61131-2; EN 61000-6-2, Industriebereich			
Schutzklasse	III			
Isolationsfestigkeit	EN 61131-2			
Schutzart	IP20, Front IP54 (IP65 nur mit verspannten Drehriegeln)			
Vibration	Sinusförmig (EN 60068-2-6) Prüfung: Fc; 10 ... 150 Hz, 1 G (Operation Mode)			
Schockfestigkeit	15 G (ca. 150 m/s ²), 11 ms Dauer, halbsinus (EN 60068-2-27) Prüfung: 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

