

B-PRIMIS DC-PRO 4,3“

INFORMATION TECHNICAL DATA

1

B-Primis DC-PRO 4,3“	Specification				
	DC-Pro 4,3“ S01	DC-Pro 4,3“ S02	DC-Pro 4,3“ S03	DC-Pro 4,3“ S04	DC-Pro 4,3“ S05
Bestellnummer	S-01010103-0101	S-01010103-0201	S-01010103-0301	S-01010103-0401	S-01010103-0501
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) / CB Scheme (IEC 61010-2-201) / UL_{US} (UL 61010-2-201)				
CPU	800 MHz Arm® CPU with Cortex™-A9 Single Core				
RAM / Flash / Retain storage	256 MB RAM / 256 MB Flash / 100 kb FRAM				
Communication interfaces	1x Ethernet, 10/100 Base, RJ45	1x Ethernet, 10/100 Base, RJ45	1x Ethernet, 10/100 Base, RJ45	1x Ethernet, 10/100 Base, RJ45	1x Ethernet, 10/100 Base, RJ45
	1x EtherCAT, RJ45	1x EtherCAT, RJ45	1x EtherCAT, RJ45	1x EtherCAT, RJ45	1x EtherCAT, RJ45
	-	-	1x CAN Bus, RJ45	1x CAN Bus, RJ45	2x CAN Bus, RJ45
	-	-	-	1x RS232/485 Combo	1x RS232/485 Combo
Protocols	Standard: EtherCAT Master, CANopen Master Optional: Modbus RTU M/S, Modbus TCP M/S, SNMP, OPC UA, J1939, Ethernet/IP, PROFINET, BACne				
Visualization	Target Visu (VNC Client), Web Visu (Web Client, HTML5)				
Additional features	1x host USB 2.0 / USB plug type A	1x host USB 2.0 / USB plug type A	1x host USB 2.0 / USB plug type A	1x host USB 2.0 / USB plug type A	1x host USB 2.0 / USB plug type A
	1x RTC, battery buffered	1x RTC, battery buffered	1x RTC, battery buffered	1x RTC, battery buffered	1x RTC, battery buffered
	-	-	1x Micro SD-Card slot up to 32 GB	1x Micro SD-Card slot up to 32 GB	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 universal 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 modules	Typ. 0,3 A, max. 1,2 A at +24V				
Current consumption dig. outputs	depending on output load, in the long run max. 2A				
Operating conditions Transport / storage	Ambient temperature: operational: 0 °C to 55 °C / transport -20 °C to +70 °C Relative humidity: max. 85%, non-condensing				

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2^o

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EMC, protection type					
Störaussendung	EN 55011 Klasse B Gruppe 1				
Störunempfindlichkeit	EN 61131-2				
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), 10 ms Dauer, halbsinus (EN 60068-2-27) Prüfung: EA				