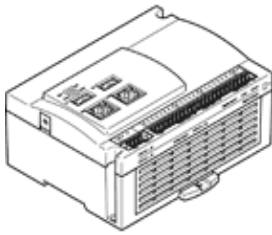


# controller SBRD-Q

Part number: 8067301

**FESTO**



## Data sheet

Feature	Value
Dimensions W x L x H	130 mm x 106 mm x 60 mm
Mounting type	With through-hole for M4 screw with top-hat rail
Product weight	315 g
KC mark	KC-EMV
CE mark (see declaration of conformity)	to EU directive for EMC
Protection against direct and indirect contact	Protective extra-low voltage with safe disconnection (PELV)
Nominal operating voltage DC	24 V
Permissible voltage fluctuation	+/- 10 %
Power consumption 24 V	20 W
Input/output interface, function	10x digital inputs 2x digital inputs with integrated pull-up resistor 8x digital output Ground Power supply
Input/output interface, type of connection	Plug
Input/output interface, connection technology	Circuit board plug connector RM 3.5 mm
Input/output interface, number of pins/wires	24
Input/output interface, connection pattern	00995931
No. of inputs	12
Note on inlets	2 of the 12 inputs with integrated pull-up resistor
Switching level	Signal 1: $\geq 10$ V Signal 0: $\leq 1$ V
Information on the switching level	Signal 0: $\leq 1$ V Signal 1: $> 8$ V For integrated pull-up resistor
Input circuit logic	PNP (positive-switching)
No. of outputs	8
Nominal operating voltage, DC outputs	24 V
Digital outputs, output current	450 mA
Switching logic, outputs	PNP (positive-switching)
Power supply, function	Electronics
Power supply, type of connection	Plug
Power supply, connection technology	Circuit board plug connector RM 3.5 mm
Power supply, number of pins/wires	4
Camera interface, function	Only communication with camera
Camera interface, connection type	2x socket
Camera interface, connection technology	USB 3.0 type A
Camera interface, number of pins/wires	9
Information on the camera interface	Only use the cables explicitly identified by Festo as accessories
Camera interface, connection pattern	00995870
Ethernet interface, protocol	TCP/IP
Ethernet interface, function	diagnosis Programming
Ethernet interface, type of connection	Plug socket
Ethernet interface, connection technology	RJ45

Feature	Value
Ethernet interface, number of pins/wires	8
Ethernet interface, transmission rate	10 Mbit/s 100 Mbit/s 1000 Mbit/s
Storage medium	microSD
Memory capacity	<= 32,000,000,000 Byte
Storage temperature	-20 ... 70 °C
Protection class	IP20
Ambient temperature	-5 ... 50 °C
Relative air humidity	95 % non-condensing
Material housing	PA-reinforced
Materials note	Conforms to RoHS