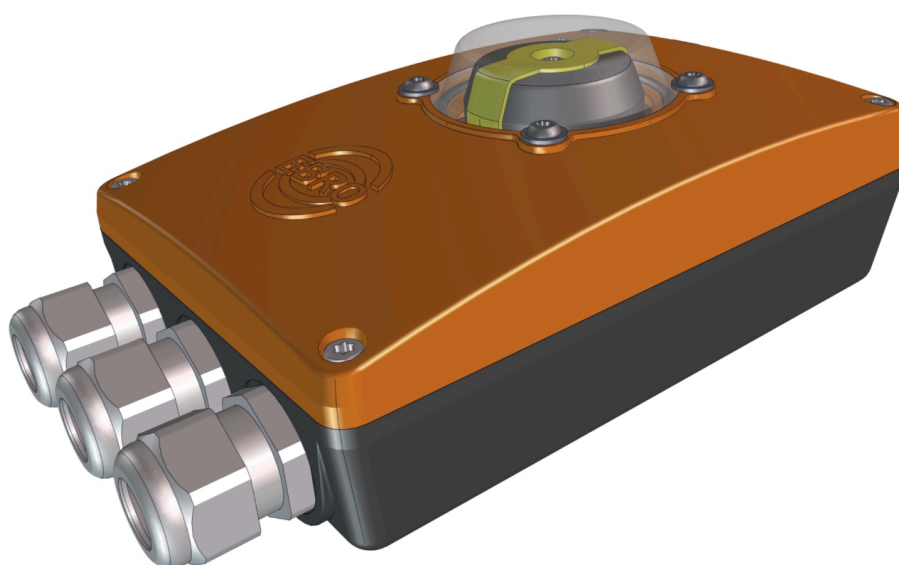
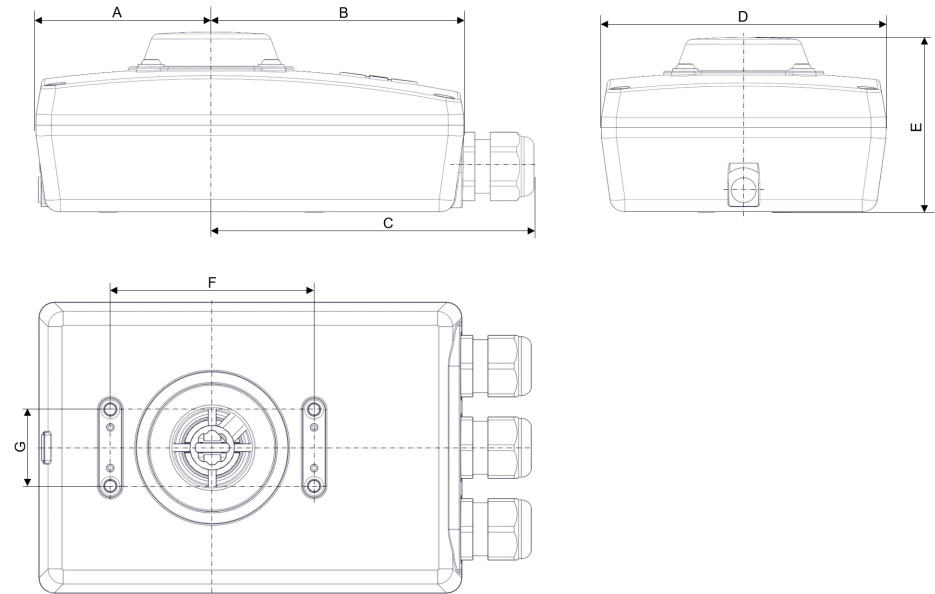


Technical data sheet

Switch box SBU-BASIC



Dimension sheet



Type	Main dimensions [mm]							Weight [kg]
	A	B	C	D	E	F	G	
SBU-BASIC	68	98	125	114	70	80	30	1.5

Technical features

Designation	Description
Valve body	Powder-coated aluminum
Seal	NBR, optional silicone
Connection type	Tension clamp terminals 2.5 mm ²
Temperature range	Standard -20 °C to +70 °C Special versions possible
Screws	Stainless steel A4
Sensors	2 microswitches
Adjustment range	Max. 2 actuators can be set up to 240°
Valve connection	Max. 1 solenoid valve coils

Certificates and approvals

Designation	Description
Explosion protection optional	ATEX 2D
Body protection	IP 65, IP 67 and IP 68 in accordance with DIN EN 60529:2014-09
Corrosion protection	C3, optional C5M
Conformity	CE
Notice: Further certificates and approvals available upon request.	

Type code

SBU-M203-K211-M01



Example	Position	Feature	Characteristic	Abbreviation
M	1	Sensor type	Microswitch	M
			Inductive proximity switch	P
2	2	Number of sensors	without	0
			1	1
			2	2
			3 (only in connection with 5 terminals for solenoid valve connection)	3
0	3	Ex-configuration	without	0
			ATEX (upon request)	1-5
3	4	Terminal points for solenoid valve connection	3 terminals (one coil)	3
			5 terminals (two coils, prepared for the third V3 sensor or switch)	5
K	5	Screw type	Plastic	K
			Metal	M
2	6	Cable glands/ electrical connections	without	0
			M20x1.5 blind screw connection	1
			M20x1.5 line diameter 6-12 mm	2
			M20x1.5 line diameter 5-9 mm	3
1	7	Cable glands/ electrical connections	without	0
			M20x1.5 blind screw connection	1
			M20x1.5 line diameter 6-12 mm	2
			M20x1.5 line diameter 5-9 mm	3
			Valve plug build A	4
1	8	Cable glands/ electrical connections	without	0
			M20x1.5 blind screw connection	1
			M20x1.5 line diameter 6-12 mm	2
			M20x1.5 line diameter 5-9 mm	3
			Valve plug build A	4
M	9	Sensor manufacturer	Marquardt	M
			Pepperl+Fuchs	P
01	10	Sensor type	Microswitch (others upon request)	01

Wiring diagram

