BSB Splitter Boxes M12 Metal

Accessories

Splitter Boxes Version	BSB-04-F01P/4 4× connectors	BSB-04-F01P/8 8× connectors
	39 36.3	39 36.3 36.3 4.5 4.5 55
Ordering code	BSB-04-F01P/4-M01M-2319	BSB-04-F01P/8-M01M-2319
Rated operational voltage U _e Supply voltage U _B Function indicator Power-on indicator Sensor connection Control side connection	24 V DC 1830 V DC LED yellow LED green 5-pole female, M12×1 M23 connector, 19-pin	24 V DC 1830 V DC LED yellow LED green 5-pole female, M12×1 M23 connector, 19-pin
Number of connections Current load capacity Total current	4 max. 4 A per contact max, 12 A at +60 °C	8 max, 4 A per contact max, 12 A at +60 °C
Housing material Degree of protection per IEC 60529 Ambient temperature range T _a	GD-Zn IP 67 (when connected) -25+90 °C	GD-Zn IP 67 (when connected) -25+90 °C
View of female/male side	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$

Other cable lengths and cable qualities on request.







We offer a wide variety of passive actuator/sensor boxes. These allow the user to collect signals in the field and pass them centrally to a controller or to pass signals from the controller to the actuators,

This enables organized and decentralized wiring of the peripherals. With their light, compact design, the M8 and M12 distribution boxes with up to 8 connections take up little room and are used in machines and systems where space is at a premium.

BSB-04-F01P/4	BSB-04-F01P/8	
4× cable	8× cable	
39 33 33 12 12 12 4.5 55 55	39 33 33 12 4.5 4.5 55	
BSB-04-F01P/4-M02M-KP-05	BSB-04-F01P/8-M02M-KP-05	
Bob of Forth Final Control	Bab a Francisco Maziar a sa	
24 V DC	24 V DC	
1830 V DC	1830 V DC	
LED yellow	LED yellow	
LED green	LED green	
5-pole female, M12×1	5-pole female, M12×1	
5 m molded-on PUR cable	5 m molded-on PUR cable	
8×0.5 mm ² and 3×1 mm ²	16×0.5 mm ² and 3×1 mm ²	
4	8	
max. 4 A per contact	max. 4 A per contact	
max, 12 Å at +60 °C	max, 12 Å at +60 °C	
GD-Zn	GD-Zn	
IP 67 (when connected)	IP 67 (when connected)	
-25+90 °C	-25+90 °C	
	$ \begin{array}{c} 3 \\ 0 \\ 0 \end{array} $ $ \begin{array}{c} 4 \\ 5 \\ 1 \end{array} $	





Connectors

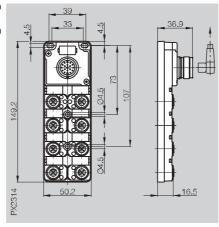
Splitter boxes with accessories

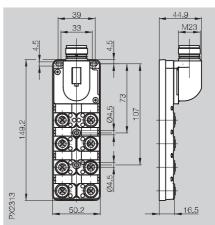
Electrical devices Fasteners Tools

Accessories

Splitter Boxes	BSB-04-F02P/8	BSB-04-F02P/8
Version	8× connectors	8× connectors







Ordering code	BSB-04-F02P/8-M01K-2319	BSB-04-F02P/8-M02K-2319
Rated operational voltage U _e	24 V DC	24 V DC
Supply voltage U _B	1830 V DC	1830 V DC
Function indicator	LED yellow	LED yellow
Power-on indicator	LED green	LED green
Sensor connection	5-pole female, M12×1	5-pole female, M12×1
Control side connection	M23 connector, 19-pin	M23 connector, 19-pin
Number of connections	8	8
Current load capacity	max. 4 A per contact	max. 4 A per contact
Total current	max, 16 Å at +60 °C	max, 16 Å at +60 °C
Potential isolation		
Housing material	PA 66	PA 66
Degree of protection per IEC 60529	IP 67 (when connected)	IP 67 (when connected)
Ambient temperature range T _a	_20+80 °C	<u>−</u> 20+80 °C
Vious of fomalo/malo sido	12	10

View of female/male side









Other cable lengths and cable qualities on request.







BSB Splitter Boxes M12 Plastic

BSB-04-P01P/4	BSB-04-P01P/8	-
4× cable	8× cable	
9152Xd	39 33 33 33 33 33 33 33 33 33 34 35 37 37 37 37 37 37 37 37 37 37 37 37 37	
BSB-04-P01P/4-M02K-HKP-05	BSB-04-P01P/8-M02K-HKP-05	
24 V DC	24 V DC	
	1830 V DC	. ————
LED yellow	LED yellow	
LED green	LED green	
5-pole female, M12×1	5-pole female, M12×1	
5 m molded-on PUR cable	5 m molded-on PUR cable	-
8×0,34 mm ² and 5×0,75 mm ²	16×0,34 mm ² and 5×0,75 mm ²	
4	8	·
max. 4 A per contact	max. 4 A per contact	-
max, 8 A with single power feed	max, 8 A with single power feed	-
max, 16 A with double power feed	max, 16 A with double power feed	
		· · · · · · · · · · · · · · · · · · ·
Possible with removable jumper	Possible with removable jumper	-
PBT	PBT	
IP 67 (when connected)	IP 67 (when connected)	
_20+80 °C	−20+80 °C	
3 0 0 4 2 0 0 1 5	$ \begin{array}{c} 3 & \circ & \circ \\ \circ & \circ & \circ \\ 2 & \circ & 1 \end{array} $	



Connectors

Splitter boxes with accessories

Electrical devices Fasteners Tools

BSB Splitter Boxes M12 Plastic

W12 Versatile and variable

Splitter Boxes	BSB-04-P01P/4	BSB-04-P01P/8
Version	4× with cover (no connection)	3x with cover (no connection)
(39 33 33 33 33 33 33 33 34 34 38 27 37 37 37 37 37 37 37 37 37 37 37 37 37	39 33 33 33 33 33 33 34 25 43 20 20 20 20 20 20 20 20 20 20 20 20 20
rdering code	BSB-04-P01P/4-M02K-HTS	BSB-04-P01P/8-M02K-HTS
teted energtional voltage II	24 V DC	24 V DC
ated operational voltage U _e upply voltage U _B		
unction indicator	LED yellow	LED yellow
ower-on indicator	LED green	LED green
ensor connection	5-pole female, M12×1	5-pole female, M12×1
ontrol side connection	Plug-in terminals	Plug-in terminals
lumber of connections	4	8
Current load capacity	max. 4 A per contact	max. 4 A per contact
otal current	max. 8 A with single power feed	max, 8 A with single power feed
	max, 16 A with double power feed	max, 16 A with double power feed
Potential isolation	Possible with removable jumper	Possible with removable jumper
lousing material	PBT	PBT
Degree of protection per IEC 60529	IP 67 (when connected)	IP 67 (when connected)
Ambient temperature range Ta	-20+80 °C	−20+80 °C
View of female/male side	Soo4 Surper Jumper Jump	Sood 5 Sumper Jumper Ju

Other cable lengths and cable qualities on request.





BSB Splitter Boxes Plastic

8× cable	BSB-49-F01P/8 8× with cover (no connection)	
40.7 5.5 41.5 41.5 41.5 41.5 41.5	40.7 SW 24 41.5 41.5 41.5 41.5	
BSB-49-F01P/8-M02K-KP-05	BSB-49-F01P/8-M02K-HTS	
24 V DC 1830 V DC LED yellow LED green 3-pole female, M8×1 5 m molded-on PUR cable 8×0,34 mm² and 2×0,75 mm² 8 max. 2 A per contact max, 6 A	24 V DC 1830 V DC LED yellow LED green 3-pole female, M8×1 Plug-in terminals 8 max. 2 A per contact max, 6 A	
PBT IP 67 (when connected) -25+85 °C	PBT IP 67 (when connected) -25+85 °C	
3 0 0 1		





Connectors

Splitter boxes with accessories

Electrical devices Fasteners Tools