

Splitter Boxes	BSB-04-F01P/4-...	BSB-04-F01P/8-...
Version	4x connectors	8x connectors

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.

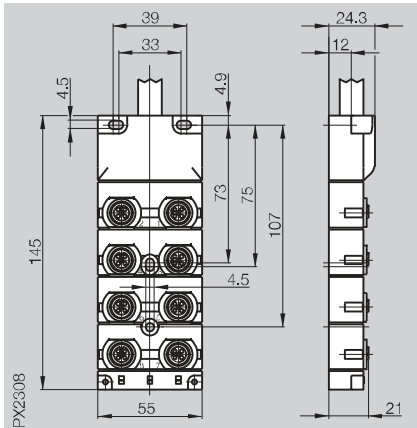
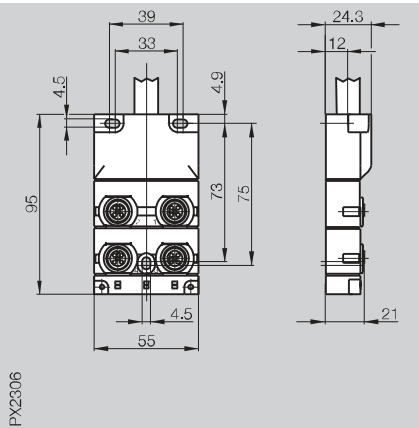
This enables organized and decentralized wiring of the peripherals. With their light, compact design, the M8 and M12 distribution boxes with up to 8 connections take up little room and are used in machines and systems where space is at a premium.

## BSB-04-F01P/4-...

4x cable

## BSB-04-F01P/8-...

8x cable



## BSB-04-F01P/4-M02M-KP-05

24 V DC  
18...30 V DC  
LED yellow  
LED green  
5-pole female, M12×1  
5 m molded-on PUR cable  
8×0,5 mm<sup>2</sup> and 3×1 mm<sup>2</sup>  
4  
max. 4 A per contact  
max. 12 A at +60 °C

GD-Zn  
IP 67 (when connected)  
-25...+90 °C



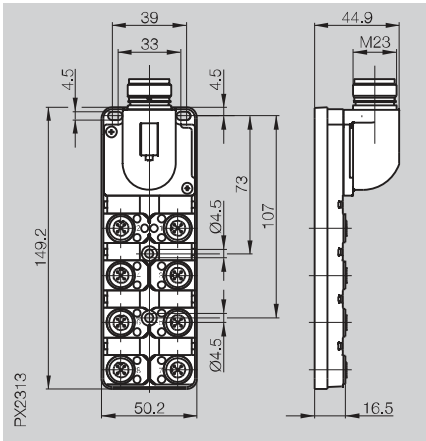
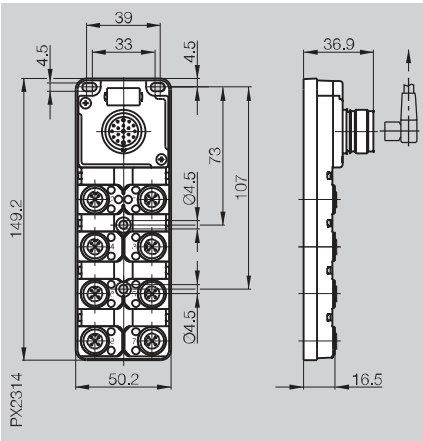
## BSB-04-F01P/8-M02M-KP-05

24 V DC  
18...30 V DC  
LED yellow  
LED green  
5-pole female, M12×1  
5 m molded-on PUR cable  
16×0,5 mm<sup>2</sup> and 3×1 mm<sup>2</sup>  
8  
max. 4 A per contact  
max. 12 A at +60 °C

GD-Zn  
IP 67 (when connected)  
-25...+90 °C



Splitter Boxes	<b>BSB-04-F02P/8-...</b>	<b>BSB-04-F02P/8-...</b>
Version	8× connectors	8× connectors



Ordering code	BSB-04-F02P/8-M01K-2319	BSB-04-F02P/8-M02K-2319
Rated operational voltage U <sub>e</sub>	24 V DC	24 V DC
Supply voltage U <sub>B</sub>	18...30 V DC	18...30 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 A at +60 °C	max. 16 A 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 <sub>a</sub>	-20...+80 °C	-20...+80 °C
View of female/male side		

Other cable lengths and cable qualities on request.

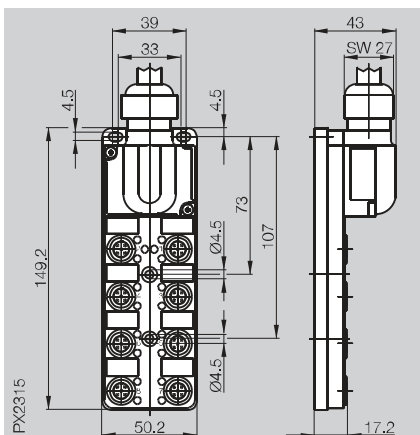
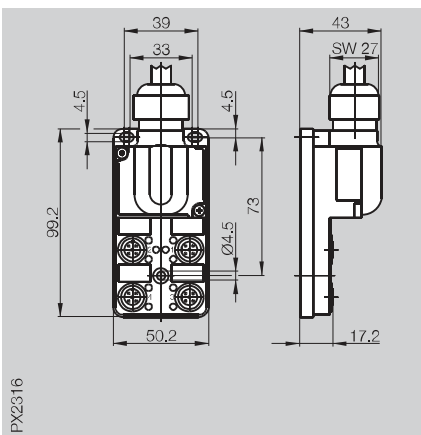


## BSB-04-P01P/4-...

4x cable

## BSB-04-P01P/8-...

8x cable



## BSB-04-P01P/4-M02K-HKP-05

24 V DC  
18...30 V DC  
LED yellow  
LED green  
5-pole female, M12x1  
5 m molded-on PUR cable  
8x0,34 mm<sup>2</sup> and 5x0,75 mm<sup>2</sup>  
4  
max. 4 A per contact  
max. 8 A with single power feed  
max. 16 A with double power feed

Possible with removable jumper  
PBT  
IP 67 (when connected)  
-20...+80 °C



## BSB-04-P01P/8-M02K-HKP-05

24 V DC  
18...30 V DC  
LED yellow  
LED green  
5-pole female, M12x1  
5 m molded-on PUR cable  
16x0,34 mm<sup>2</sup> and 5x0,75 mm<sup>2</sup>  
8  
max. 4 A per contact  
max. 8 A with single power feed  
max. 16 A with double power feed

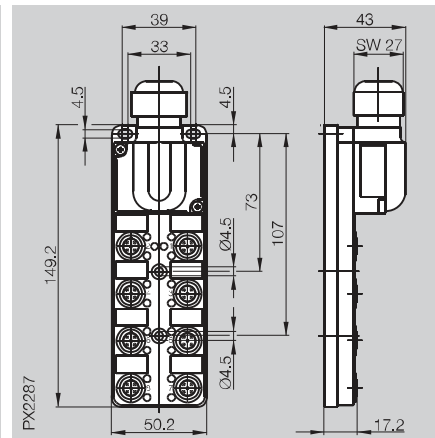
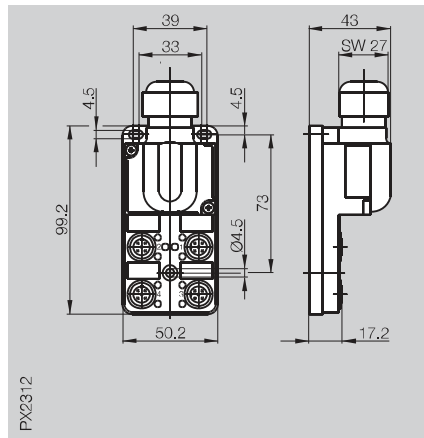
Possible with removable jumper  
PBT  
IP 67 (when connected)  
-20...+80 °C



Splitter Boxes
Version

<b>BSB-04-P01P/4-...</b>
4x with cover (no connection)

<b>BSB-04-P01P/8-...</b>
3x with cover (no connection)



Ordering code
Rated operational voltage $U_e$
Supply voltage $U_B$
Function indicator
Power-on indicator
Sensor connection
Control side connection
Number of connections
Current load capacity
Total current
Potential isolation
Housing material
Degree of protection per IEC 60529
Ambient temperature range $T_a$
View of female/male side

BSB-04-P01P/4-M02K-HTS
24 V DC
18...30 V DC
LED yellow
LED green
5-pole female, M12x1
Plug-in terminals
4
max. 4 A per contact
max. 8 A with single power feed
max. 16 A with double power feed
Possible with removable jumper
PBT
IP 67 (when connected)
-20...+80 °C

BSB-04-P01P/8-M02K-HTS
24 V DC
18...30 V DC
LED yellow
LED green
5-pole female, M12x1
Plug-in terminals
8
max. 4 A per contact
max. 8 A with single power feed
max. 16 A with double power feed
Possible with removable jumper
PBT
IP 67 (when connected)
-20...+80 °C

Other cable lengths and cable qualities on request.



BSB Splitter Boxes  
M8  
Plastic