

# BALLUFF

sensors worldwide

## DeviceNet Fieldbus Splitters

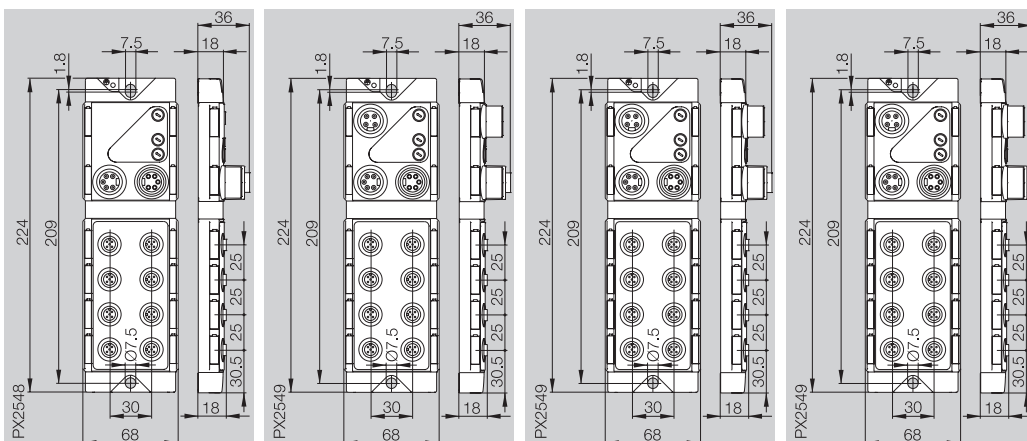
... for Industrial Communication



# DeviceNet Fieldbus Splitters

... for industrial communication

Splitter boxes	<b>BNI-DNT-104-...</b>	<b>BNI-DNT-202-...</b>	<b>BNI-DNT-302-...</b>	<b>BNI-DNT-305-...</b>
Type	16 inputs	8 outputs	16 inputs, 16 outputs	8 inputs, 8 outputs
Interface	DeviceNet	DeviceNet	DeviceNet	DeviceNet



Order code	BNI-DNT-104-000-Z004	BNI-DNT-202-000-Z005	BNI-DNT-302-000-Z005	BNI-DNT-305-000-Z005
Supply voltage $U_s$	18...30 V DC	18...30 V DC	18...30 V DC	18...30 V DC
Function indicator Net	LED green	LED green	LED green	LED green
Function indicator Fault	LED red	LED red	LED red	LED red
Power indicator	Module	Module, actuators	Module, sensors, actuators	Module, actuators
Connection: Fieldbus	7/8" 5-pin male + female	7/8" 5-pin male + female	7/8" 5-pin male + female	7/8" 5-pin male + female
Connection: Supply voltage		7/8" 4-pin male	7/8" 4-pin male	7/8" 4-pin male
Connection: I/O ports	M12, A-coded, male	M12, A-coded, male	M12, A-coded, male	M12, A-coded, male
No. of I/O ports	8	8	8	8
No. of inputs	16		16	8
No. of outputs		8	16	8
Configurable	no	no	yes	no
max. load current sensors/channel	200 mA		200 mA	200 mA
max. output load current		2 A	1.6 A	2 A
Port status indicator (signal status)	LED green	LED green	LED green	LED green
Port diagnostic indicator (overload)	LED red	LED red	LED red	LED red
Total current $I_{Actuator}$		< 9 A	< 9 A	< 9 A
Total current $I_{Sensor}$	< 9 A	< 9 A	< 9 A	< 9 A
Protection per IEC 60529	IP 67 (when attached)	IP 67 (when attached)	IP 67 (when attached)	IP 67 (when attached)
Operating temperature $T_a$	-5...+55 °C	-5...+55 °C	-5...+55 °C	-5...+55 °C
Storage temperature	-25...+85 °C	-25...+85 °C	-25...+85 °C	-25...+85 °C
Weight	approx. 580 g	approx. 580 g	approx. 580 g	approx. 580 g
Attachment	2 mounting holes	2 mounting holes	2 mounting holes	2 mounting holes
Dimensions (L×W×H)	225×68×37 mm	225×68×37 mm	225×68×37 mm	225×68×37 mm
Housing material	Nickel-plated GD-Zn	Nickel-plated GD-Zn	Nickel-plated GD-Zn	Nickel-plated GD-Zn



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