

Profibus-IO-Link Panel Module

... new IO-Link panel module for easy installation



more added value



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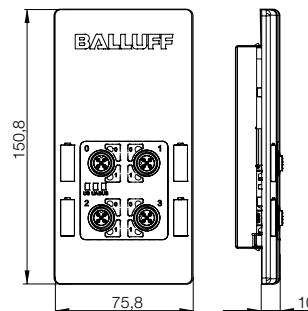
Simplify installation and startup and profit from cost-effective cabling with the Profibus-IO-Link panel module. Developed for use in small to mid-sized machines and equipment, it is ideal for centralized wiring concepts and, with IO-Link sensor hub modules, meets the requirement of modular construction. Now the machine and equipment can be checked before they leave the plant and brought into service on-site with no additional wiring effort.

The IO-Link panel module is particularly interesting where expensive connectors would otherwise be needed for routing the cables. The module provides four IO-Link ports on the outer panel. Simply connect IO-Link sensor hubs or IO-Link capable sensors here to create efficient, cost-effective wiring using standard cables. The supply voltage and the Profibus interface is connected inside the panel. Another feature: separate actuator supply. This allows actuators such as hydraulic valves/pneumatic valve manifolds to be turned off separately.

Field bus	Profibus-DP
Version	4x IO-Link
Order code	BNI PBS-504-000-K008
Supply voltage U_B	18...30.2 V DC
Net function indicator	LED green
Fault function indicator	LED red
Power indicator	Sensor module
Connection: Fieldbus	SUB-D, 9-pin
Connection: Supply voltage	Spring terminals
Connection: I/O ports	M12, A-coded, female
No. of I/O ports	4
A.No. of inputs	max. 4
No. of AUX-Power ports	max. 4
Configurable	yes
max. load current sensors/channel	1.6 A
max. load current auxiliary power/channel	3 A
Port status indicator (signal status)	LED yellow
Port diagnostic indicator (overload)	LED red
Total current U_{Sensor}	≤ 9 A
Degree of protection in accordance with IEC 60529	IP 67 (fitted in panel)
Operating temperature T_a	-5...+55 °C
Storage temperature	-25...+70 °C
Weight	approx. 130 g
Mounting	4 mounting holes
Dimensions (W×H)	150.8×75.8 mm
Lead-in dimensions	112×46

IO-Link

No. of IO-Link master ports	4x master
Operating modes (3-wire)	SIO, COM 1, COM 2, COM 3
Communication indicator	LED green
Error indicator	LED red
max. load current for IO-Link	≤ 1.6 A



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