

Machine mount compact I/O hub

IO-Link enabled I/O hub with M8 connections and Balluff expansion port functionality

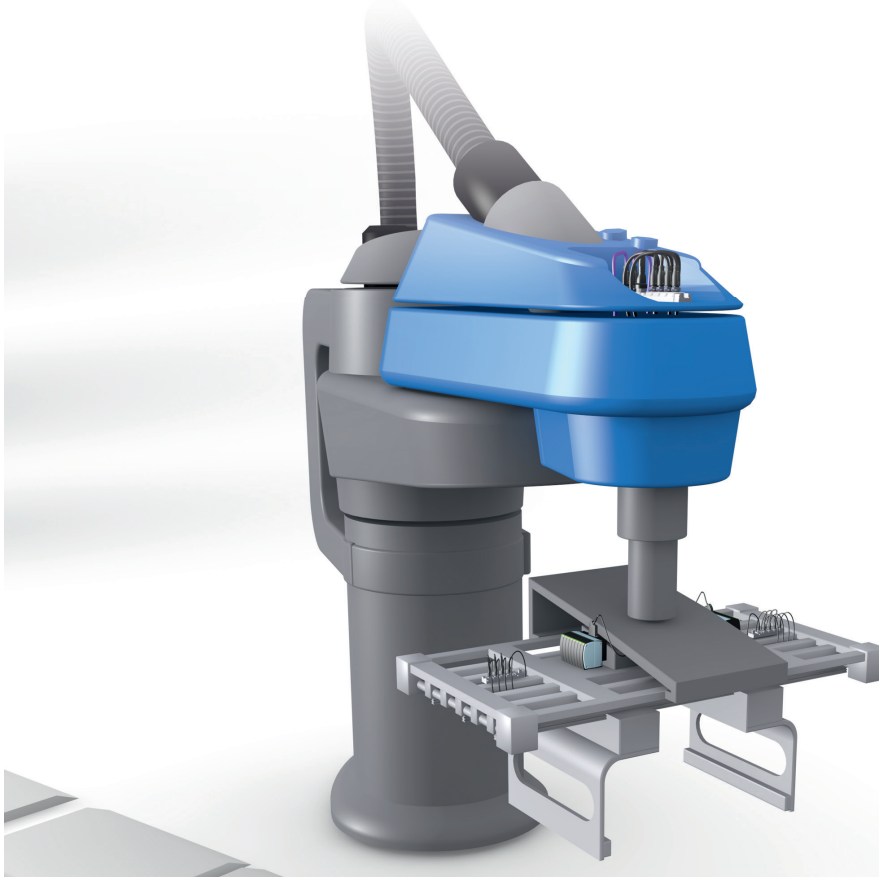
Process I/O signals in a compact space

- Rugged metal housing with IP67 protection for use in harsh industrial environments
- Two models: Input only for 8 discrete inputs and configurable I/O module with 8 I/O
- M8 connections
- Expansion port to connect another M8 I/O hub of the same type



Balluff IO-Link sensor hubs save money

Installing IO-Link sensor hubs saves you 30 to 40% in hardware costs alone compared with traditional fieldbus modules. If you add the savings from bus and power cables, the cost savings are as much as 40 to 50%. Because all you need is an inexpensive M12 standard sensor cable. Which also enables quick connection. Another benefit: sensor hubs need just one bus address to variably group sensor signals together within an area of 20 m and to ensure exceptional efficiency.





IO-Link



IO-Link

IO-Link	Device Metall	Device Metall
Description	Standard module	Mix module
Type	8 × DI PNP	8 × DI/DO
	BNI0099	BNI0093
Supply voltage U_B	18...30 V DC	18...30 V DC
Connection: IO-Link	M12, A-coded, female	M12, A-coded, female
Connection: I/O ports	M8, A-coded, male	M8, A-coded, male
Connection: U_S	IO-Link interface	IO-Link interface
Connection: U_A		IO-Link interface
No. of I/O ports	8	8
No. of Inputs	8	max. 8
No. of Outputs		max. 8
Configurable in-/output	no	yes
Max. load current sensors/channel	200 mA	200 mA
Max. load current actuators/channel		300 mA
Total current U_S	< 1,2 A	< 1,2 A
Total current U_A		< 1,2 A
Housing material	GdZn	GdZn
IO-Link Version 1.1		
Max. cycle time	2,5 ms	3 ms
IO-Link process data length	1 input byte	1 input byte/ 1 output byte
Displays	Communication	Green LED
	Error	Red LED
		Red LED

Services



Service – You can rely on our support over the entire life cycle of our products and solutions: Including the design and planning of your projects, testing and setup on site, and training and support. For more information, visit us online at www.balluff.de/services

www.balluff.com

Balluff GmbH Schurwaldstrasse 9 73765 Neuhausen a.d.F. Germany Phone +49 7158 173-0 Fax +49 7158 5010 balluff@balluff.de