POINT I/O IO-LINK

Product Data Sheet

1734-4IOL

Four Port IO-Link Master

IO-LINK PORT CAPACITY	IO-LINK TRANSMISSION RATES	IO-LINK MAXIMUM CABLE LENGTH	POINTBUS CURRENT
4 single-ended, non-isolated ports	**4.8 / 38.4 / 230.4 kbit/s**	**20 m**	**100 mA at 5 V DC**

Allen-Bradley 1734-4IOL is the four-port IO-Link master for compatible POINT I/O stations. It connects supported IO-Link field devices to the configured industrial control project.

01 VERIFIED TECHNICAL DATA

IO-Link port capacity	4 single-ended, non-isolated ports
IO-Link transmission rates	4.8 / 38.4 / 230.4 kbit/s
IO-Link maximum cable length	20 m
POINTBus current	100 mA at 5 V DC
Field supply range	19.2 to 28.8 V DC
Maximum power dissipation	1.5 W at 28.8 V
Input rating	24 V DC, 12 mA
Output current limit	0.15 A per channel; 0.6 A aggregate
Maximum output voltage drop	0.9 V DC
Off-state leakage	0.5 mA maximum

Values follow the unit photographs and applicable documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Input filter settings	0 to 65 ms in 1 ms steps
IO-Link revision support	Revision 1.0 and 1.1
Terminal tightening torque	0.8 N m
Operating temperature	-20 to 55 deg C
Storage temperature	-40 to 85 deg C

03 DOCUMENTED USE SETTINGS

Automotive Manufacturing and Component Production: Automotive Assembly Process Automation.

Packaging Production and Material Converting: Carton Packaging Process Control.

Food Processing and Beverage Production: Food Processing and Production.

04 SYSTEM COMPATIBILITY

Match 1734-4IOL to the installed POINT I/O IO-Link hardware and project. Confirm the connector layout, supplied revision and required companion parts before selecting this four port io-link master.

05 PRODUCT EVIDENCE

Rockwell Automation 1734-IN043E, September 2024

AMIKON PRODUCT SUPPORT

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