

Allen-Bradley · POINT I/O 1734

1734-4IOL

Four-Channel IO-Link Master Module

Product identity and technical data

Product family	POINT I/O 1734
Product type	Four-channel IO-Link master module
Channels	4 individually configurable channels
Channel modes	IO-Link master, standard digital input, standard digital output, or disabled
Standard input type	IEC 61131-2 Type 1
IO-Link communication rates	4.8, 38.4, or 230.4 kbit/s
Maximum IO-Link cable length	20 m
Field-power bus	19.2–28.8 V DC; 24 V DC nominal
POINTBus current	100 mA at 5 V DC maximum
Output rating	0.15 A per channel; 0.6 A per module maximum at 24 V DC
Isolation	50 V continuous, field side to system; no isolation between channels
Compatible wiring bases	1734-TB, -TBS, -TB3, -TB3S, -TOP, -TOPS, -TOP3, or -TOP3S

Documented role

1734-4IOL is an Allen-Bradley POINT I/O four-channel IO-Link master module for EtherNet/IP distributed-I/O stations.

Each port can be configured for IO-Link master, standard digital input, standard digital output, or disabled operation, with three IO-Link data rates and up to 20 metres of device cable.

Selection and installation checks

- Four channels can be configured independently for IO-Link or standard digital I/O
- IO-Link operates at 4.8, 38.4, or 230.4 kilobits per second with a 20-metre maximum device cable
- The module uses 19.2 to 28.8 V DC field power and 100 mA at 5 V DC from POINTBus

1734-4IOL requires a supported 1734-AENT or 1734-AENTR adapter and Logix Designer environment. Preserve every port mode, device identity, IODD revision, process-data size, validation policy, and field-power calculation before replacement.