

Allen-Bradley · FLEX I/O

1794-TB3

Three-Wire Cage-Clamp Terminal Base**Product identity and technical data**

Product family	FLEX I/O
Product type	Three-wire cage-clamp terminal base
Termination type	Cage clamp
I/O connections	16
Common terminals	18
+V terminals	18
Application voltage	Up to 125 V AC/DC
Maximum V/COM current	10 A
Maximum I/O-terminal current	2 A
Wiring category	2, 3, or 4
Primary documented use	Three-wire input proximity switches; also usable with output modules
Terminal screw torque	0.56...0.79 N·m

Documented role

1794-TB3 is an Allen-Bradley FLEX I/O three-wire cage-clamp terminal base for distributed-I/O field wiring.

It provides sixteen I/O, eighteen common, and eighteen +V connections for applications up to 125 V AC/DC and is intended primarily for three-wire proximity inputs while also supporting compatible output modules.

Selection and installation checks

- The cage-clamp base provides 16 I/O, 18 common, and 18 +V connections
- It is primarily intended for input modules using three-wire proximity switches
- The 1794-TB3 can also terminate compatible FLEX I/O output modules

1794-TB3 is the standard cage-clamp three-wire base, not the spring-clamp or conformally coated variant; verify Series A, module compatibility, keyswitch, 125 V limit, terminal current, wiring, and torque.