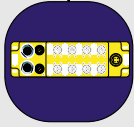


Active I/O Modules

Profibus



- Provides I/O connection to the Profibus-DP network
- Auxiliary power supply for output loads up to 2A per port (12A max)
- LED diagnostics
- Automatic Baud rate setting
- All inputs and outputs are short circuit protected
- All connectors have robust metal threads

- 16 output
- 8 output
- 12IN/4OUT
- 16 input
- 8IN/8OUT

The Brad Harrison® Profibus-DP I/O Modules provide direct connection to the Profibus-DP fieldbus, accommodating a variety of 3 wire DC PNP sensors and actuators. The modules are designed for industrial use in harsh environments and meet IP68 and NEMA 6P standards. The modules in the range have I/O configurations for a wide variety of requirements. Connections to the bus are made via the reverse keyed Micro-Change connector and auxiliary power is connected via a 5-pole Mini-change connector. A choice of output power ensures suitability for a wide range of applications. Installation and set up of the modules are simple, with two rotary addressing switches mounted behind IP68 sealed covers. Bi-colour LEDs on the modules perform a network diagnosis function providing indication of power, node operation, bus activity, auxiliary power and I/O status. The range of active I/O modules is supported by cordsets with straight, 90° and D-Sub connectors, back panel and front panel mount receptacles, a data drop tee connector, field attachable (M12) connectors and auxiliary power media.

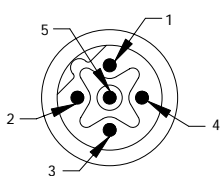


Selection Guide

INPUT FACE VIEWS						
OUTPUT FACE VIEWS						
INPUTS	16 2 per port	12 2 on ea. of 6 ports	8 1 per port	8 2 on ea. of 4 ports	0	0
OUTPUTS	0	4 2 on ea. of 2 ports	8 1 per port	8 2 on ea. of 4 ports	8 1 per port	16 2 per port
OUTPUT CURRENT	-	500mA	500mA	500mA	2A	500mA
PART NUMBER	TPD-8C0-B18-02	TPD-8A4-B18-02	TPD-888-B18-03	TPD-888-B18-02	TPD-808-B18-11	TPD-80C-B18-02

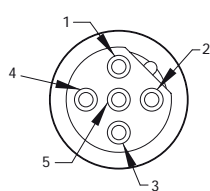
WIRING INFORMATION - ALL MODULES

Bus In Male



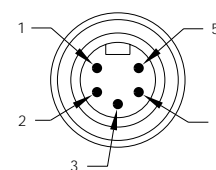
- 1 - 5 Vdc
- 2 - Bus - A
- 3 - Ground
- 4 - Bus - B
- 5 - Shield

Bus Out Female



- 1 - 5 Vdc
- 2 - Bus - A
- 3 - Ground
- 4 - Bus - B
- 5 - Shield

Power



- 1 - Output Power V-
- 2 - Bus Power V-
- 3 - Ground
- 4 - Bus Power V+
- 5 - Output Power V+