

A range of high **amperage** flex body, flex body inline and flange mount connectors rated to IP68. These **Delrin housing** multi pin circular connectors are ideal for applications where **dust** and **water ingress** must be **avoided** and ease of connection to high ratings must be achieved.

- **Bayonet 1/4 Turn locking Mechanism**
Secure, quick connector mating and release
- **Screw Turn Locking**
Secure, robust connection and easy to disconnect
- **Positive feedback on locking mechanism**
Confidence that connector is correctly mated and sealed
- **IP68 when mated (for parts with backshell)**
Suitable for a wide range of dust and water borne environments
- **Flex Body, Flex Body Inline and Flange Mount Available**
Complete family of products maintain sealing integrity in all styles
- **Visual alignment features**
Aids the correct mating of connectors
- **2 to 11 Contacts - up to 225A, 1250V AC RMS**
Suitable for mains power to signal applications
- **Crimp termination available**
- **300+ AMP contacts upon request**



BUCCANEER FOR POWER

9000 Series High Power Buccaneer

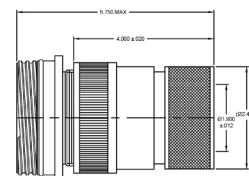
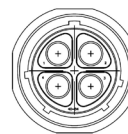


Screw Locking -
Male & Female



PXP9050

- Flex Body, Inline Body & Flange Mount available
- Plug and Socket available
- IP68 Rated
- Up to 1250V AC RMS



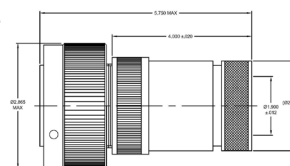
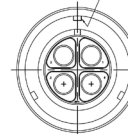
Part Number	Contacts	Contact Type	Contact Size	Body Type	Backshell
PXP9050/02/P/1	2	Plug	4/0	Flex	Yes
PXP9051/02/S/1	2	Socket	4/0	Inline	Yes
PXP9052/02/S	2	Socket	4/0	Flange Mount	-
PXP9050/04/P/1	4	Plug	1/0	Flex	Yes
PXP9051/04/S/1	4	Socket	1/0	Inline	Yes
PXP9052/04/S	4	Socket	1/0	Flange Mount	-
PXP9050/06/P/1	6	Plug	1/0	Flex	Yes
PXP9051/06/S/1	6	Socket	1/0	Inline	Yes
PXP9052/06/S	6	Socket	1/0	Flange Mount	-
PXP9050/08/P/1	8	Plug	4x 4 & 16AWG 4x	Flex	Yes
PXP9051/08/S/1	8	Socket	4x 4 & 16AWG 4x	Inline	Yes
PXP9052/08/S	8	Socket	4x 4 & 16AWG 4x	Flange Mount	-
PXP9050/11/P/1	11	Plug	10x 4 & 16AWG 1x	Flex	Yes
PXP9051/11/S/1	11	Socket	10x 4 & 16AWG 1x	Inline	Yes
PXP9052/11/S	11	Socket	10x 4 & 16AWG 1x	Flange Mount	-

Bayonet Quarter Turning Lock -
Male & Female



PXP9010

- Flex Body, Inline Body & Flange Mount available
- Plug and Socket available
- IP68 Rated
- Up to 1250V AC RMS
- Robust, with Quick Disconnect System



Part Number	Contacts	Contact Type	Contact Size	Body Type	Backshell
PXP9010/02/P/1	2	Plug	4/0	Flex	Yes
PXP9011/02/S/1	2	Socket	4/0	Inline	Yes
PXP9012/02/S	2	Socket	4/0	Flange Mount	-
PXP9010/04/P/1	4	Plug	1/0	Flex	Yes
PXP9011/04/S/1	4	Socket	1/0	Inline	Yes
PXP9012/04/S	4	Socket	1/0	Flange Mount	-
PXP9010/06/P/1	6	Plug	1/0	Flex	Yes
PXP9011/06/S/1	6	Socket	1/0	Inline	Yes
PXP9012/06/S	6	Socket	1/0	Flange Mount	-
PXP9010/08/P/1	8	Plug	4x 4 & 16AWG 4x	Flex	Yes
PXP9011/08/S/1	8	Socket	4x 4 & 16AWG 4x	Inline	Yes
PXP9012/08/S	8	Socket	4x 4 & 16AWG 4x	Flange Mount	-
PXP9010/11/P/1	11	Plug	10x 4 & 16AWG 1x	Flex	Yes
PXP9011/11/S/1	11	Socket	10x 4 & 16AWG 1x	Inline	Yes
PXP9012/11/S	11	Socket	10x 4 & 16AWG 1x	Flange Mount	-

Adapter



PXP9080

⬡ Adapter

*crimping tool required - contact us for more details.

Part Number	Description
PXP9080	1/0 Plug and Socket Adapter to accommodate 6-8AWG conductors

Tooling



PXP9081 PXP9082 PXP9083

⬡ Tooling:

Pneumatic Tool Press

Tooling Locator

Tool Die Set

Part Number	Description
PXP9081	Pneumatic Tool Press
PXP9082	Tooling Locator
PXP9083	Tool Die Set

Electrical:

No Contacts:	2, 4, 6, 8, 11
Current Rating:	
2 Contact	225A
4 Contact	150A
6 Contact	150A
8 Contact	13A, 80A
11 Contact	80A, 13A
Voltage Rating (AC):	1250V AC RMS +700V AC RMS
Operating Temp. Range:	-55°C to +125°C
Approvals:	Standard Available

Materials:

Body:	Delrin
Colour:	Black
Contacts:	Copper Alloy Silver Plating
Flammability Rating:	UL94 V-0

RoHS

Compliant

Mechanical:

Locking Mechanism:	Bayonet Quarter Turn Rapid Locking Screw Lock
Sealing:	IP68
Contact Accommodation:	
2 Contact	4/0 (107.2 mm ²)
4 Contact	1/0 (53.5 mm ²)
6 Contact	1/0 (107.2 mm ²)
8 Contact	4x 4 (107.2 mm ²) & 16 AWG (1.5 mm ²) 4x
11 Contact	10x 4 (107.2 mm ²) & 16 AWG (1.5 mm ²) 1x
Cable Acceptance:	Back Shell Inner Diameter 48.26 mm
Terminations:	Crimp Terminals
Dimensions:	
Diameter: (over coupling ring)	72.77mm (bayonet), 80.67mm (screw lock)

PXP90XX

X

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XX

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X

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X

Series Designation

PXP901X = Bayonet Quarter Turn
 PXP905X = Screw Locking

Series / Body Style

0 = Flex
 1 = Inline
 2 = Flange Mount

Contact of Contacts

02
 04
 06
 08
 11

Contact Type

P = Plug
 S = Socket

Backshell

N/A = No Backshell
 1 = 4" Screw on Backshell

Examples

PXP9050/02/P/1 = Screw Locking Flex Body Connector, 4 inch Backshell, 2 Contacts, Plug

PXP9012/02/S = Bayonet Locking Flange Mount Connector, No Backshell, 2 Contacts, Socket