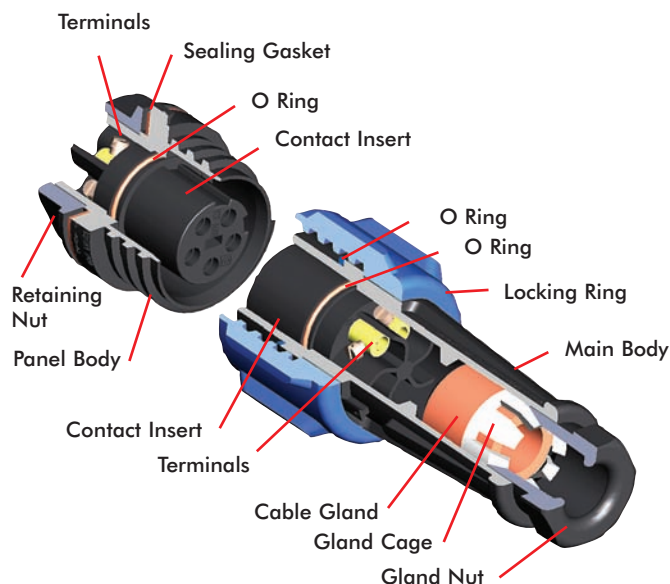


900 Series Buccaneer®

IP68

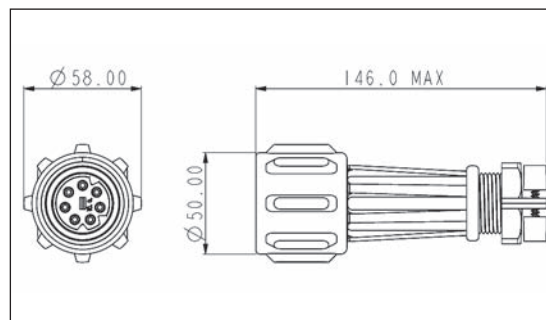
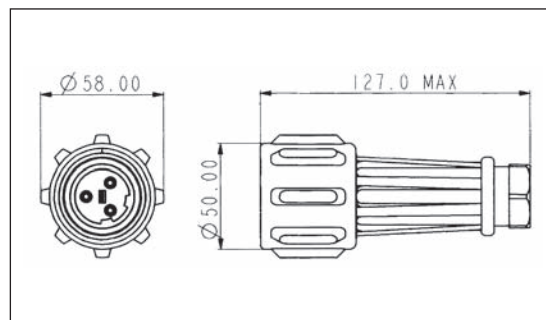


- IP68 rating tested at 1.054kg/sq cm (15lb/sq in) 10m depth for 2 weeks
- 32A, 600V ac/dc rating
- 2, 3, 4, 5, 7 and 10 pole
- Plug or socket connection in each body style
- Water and dustproof to IP68 when mated
- 'Scoop proof' contacts
- Field termination - screw terminations
- Positive locating keyways - cannot be mis-connected
- Sealing caps available to maintain IP68 rating of unmated connectors
- Leading earth contact for 3, 4, 5 and 7 pole versions

- Trailing Neutral on 5 pole
- Compact design
- Easy assembly - no special tools required
- Single or 3 phase applications
- Bulkhead moulding available for use with flange mounting body for 45° or 90° mounting (order each separately)
- Cost effective solution
- Cable accommodation 7-22mm O/D
- Two cable connector versions for 15mm and 22mm (maximum) cable diameters
- Separate strain relief on large cable version
- UL, CSA and VDE approvals

900 Series Buccaneer®
FLEX CABLE CONNECTOR

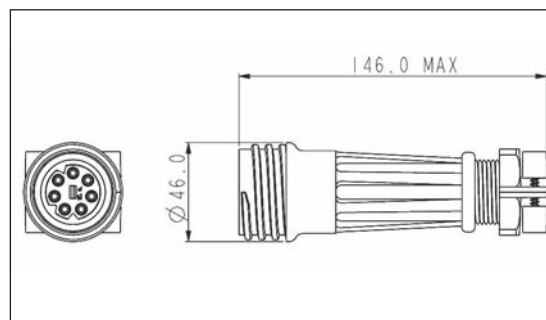
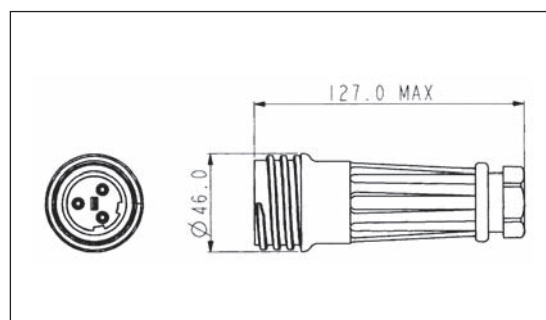

- Mates with in-line flex or panel mounting versions
- Positive, fast acting locking ring - can be turned with a gloved hand
- Plug or socket versions
- PX0 Series 13-15mm cable dia. as standard, 7-13mm with additional gland pack
- PXA Series 20-22mm cable dia. as standard, 14-20mm with additional gland pack
- Strain Relief Clamp (PXA Series only)



Standard Cable	Large Cable	Description	Standard Cable	Large Cable	Description
PX0911/02/P	PXA911/02/P	2 pole Plug	PX0911/02/S	PXA911/02/S	2 pole Socket
PX0911/03/P	PXA911/03/P	3 pole Plug	PX0911/03/S	PXA911/03/S	3 pole Socket
PX0911/04/P	PXA911/04/P	4 pole Plug	PX0911/04/S	PXA911/04/S	4 pole Socket
PX0911/05/P	PXA911/05/P	5 pole Plug	PX0911/05/S	PXA911/05/S	5 pole Socket
PX0911/07/P	PXA911/07/P	7 pole Plug	PX0911/07/S	PXA911/07/S	7 pole Socket
PX0911/10/P	PXA911/10/P	10 pole Plug	PX0911/10/S	PXA911/10/S	10 pole Socket

IN-LINE FLEX CABLE CONNECTOR


- Mates with either PX0911 or PXA911 connectors
- Plug or socket versions
- PX0 Series 13-15mm cable dia. as standard, 7-13mm with additional gland pack
- PXA Series 20-22mm cable dia. as standard, 14-20mm with additional gland pack
- Strain Relief Clamp (PXA Series only)



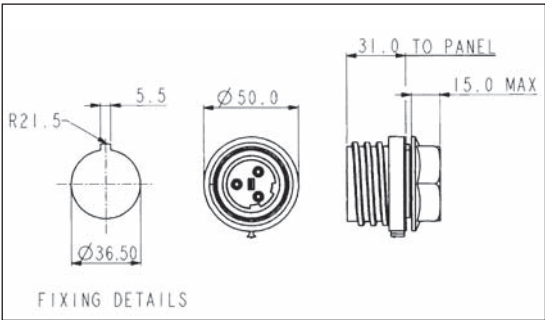
Standard Cable	Large Cable	Description	Standard Cable	Large Cable	Description
PX0921/02/P	PXA921/02/P	2 pole Plug	PX0921/02/S	PXA921/02/S	2 pole Socket
PX0921/03/P	PXA921/03/P	3 pole Plug	PX0921/03/S	PXA921/03/S	3 pole Socket
PX0921/04/P	PXA921/04/P	4 pole Plug	PX0921/04/S	PXA921/04/S	4 pole Socket
PX0921/05/P	PXA921/05/P	5 pole Plug	PX0921/05/S	PXA921/05/S	5 pole Socket
PX0921/07/P	PXA921/07/P	7 pole Plug	PX0921/07/S	PXA921/07/S	7 pole Socket
PX0921/10/P	PXA921/10/P	10 pole Plug	PX0921/10/S	PXA921/10/S	10 pole Socket

900 Series Buccaneer®

PANEL MOUNTING CONNECTOR



- Mates with PX0911 and PXA911 connectors
- Single hole fixing
- Anti-rotation key
- High grade sealing gasket
- 3-7mm panel thickness



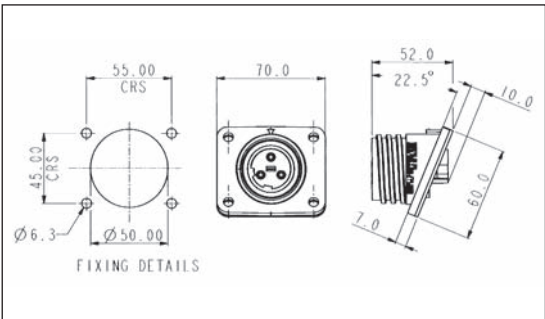
Panel Mounting

PX0931/02/P	2 pole Plug	PX0931/02/S	2 pole Socket
PX0931/03/P	3 pole Plug	PX0931/03/S	3 pole Socket
PX0931/04/P	4 pole Plug	PX0931/04/S	4 pole Socket
PX0931/05/P	5 pole Plug	PX0931/05/S	5 pole Socket
PX0931/07/P	7 pole Plug	PX0931/07/S	7 pole Socket
PX0931/10/P	10 pole Plug	PX0931/10/S	10 pole Socket

FLANGE MOUNTING CONNECTOR



- Mates with PX0911 and PXA911 connectors
- Supplied with high grade sealing gasket
- Supplied with sealing grommets for panel fixing screws (M6 thread recommended)



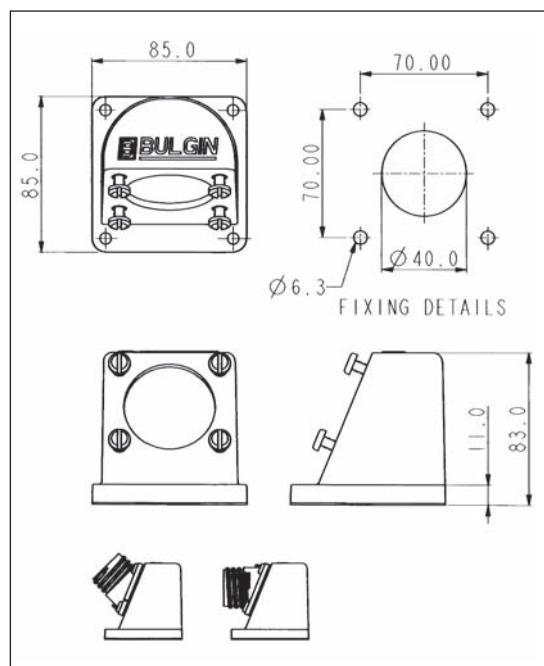
Flange Mounting

PX0941/02/P	2 pole Plug	PX0941/02/S	2 pole Socket
PX0941/03/P	3 pole Plug	PX0941/03/S	3 pole Socket
PX0941/04/P	4 pole Plug	PX0941/04/S	4 pole Socket
PX0941/05/P	5 pole Plug	PX0941/05/S	5 pole Socket
PX0941/07/P	7 pole Plug	PX0941/07/S	7 pole Socket
PX0941/10/P	10 pole Plug	PX0941/10/S	10 pole Socket

900 Series Buccaneer®
ADDITIONAL BULKHEAD ADAPTOR MOULDING

PX0950

- For use with flange mounting connector PX0941, to give 45° or 90° angle
- Supplied with high grade sealing gasket
- Supplied with sealing grommets for panel fixing screws (M6 thread recommended)


PX0950 & PX0941

BUCCANEER POWER
ACCESSORIES

PX0960, PX0970

- Sealing caps to maintain IP68 rating of unmated connectors, with plastic straps


PX0990, PX0991, PX0992

- Heavy duty sealing caps to maintain IP68 rating of unmated connectors, with stainless steel straps

Sealing Caps

PX0960	Sealing cap for use with PX0911/xx/x and PXA911/xx/x
PX0970	Sealing cap for use with all other styles
PX0990	Heavy duty sealing cap for use with PX0911/xx/x and PXA911/xx/x
PX0991	Heavy duty sealing cap for use with PX0921/xx/x and PXA921/xx/x
PX0992	Heavy duty sealing cap for use with PX0931 and PX0941

Gland Packs

PX0980	Pack of 3 additional cable glands for PX0911 and PX0921 to suit cable sizes; 11-13mm, 9-11 and 7-9mm dia.
PXA980	Pack of 3 additional cable glands for PXA911 and PXA921 to suit cable sizes; 18-20mm, 16-18 and 14-16mm dia.

900 Series Buccaneer®

SPECIFICATION

Electrical:

No Poles:	2, 3	4, 5	7	10†
Current Rating:	32A 30A, CSA	32A 25A, CSA	32A 25A, CSA*	10A
Voltage Rating:	600V ac/dc	600V ac/dc	430V ac/dc	250V ac/dc
Contact Resistance:	<10mΩ (initial)			
Insulation Resistance:	>10 ⁹ MΩ (@ 500V dc)			
Dielectric strength:	2.2kV ac min			
AC Breakdown voltage:	6kV			
Operating Temperature Range:	-40°C to +85°C			
Approvals:	UL CSA VDE CCC E214972 1211899 40003148 Pending			

*with 75°C min. rated cable
†approvals pending for 10 Pole version

Material:

Body Mouldings:	Polyamide
Flammability Rating:	UL94V-0
UV Resistance:	To EN50021: 1999
Contacts:	Machined Solid Brass, Nickel plated
O Rings:	Nitrile
Panel Sealing Gasket:	Silicone Rubber
RoHS	Compliant

Mechanical:

Sealing:	IP68, EN60529 :1992 tested @ 1.054kg/sq.cm. (15lb/sq.in.) 10m depth for 2 weeks
Cable Acceptance:	PX0911-PX0921 13 - 15mm O/D standard, 7-13mm with gland pack PXA911-PXA921 20 - 22mm O/D standard, 14 - 20mm with gland pack
Contact Accommodation:	2-7 pole - 2.5 to 4mm ² (13 to 10AWG) conductor, single or multi stranded 10 pole - 0.75 to 2mm ² (14 to 18AWG) conductor, single or multi stranded
Termination:	Axial screw terminals
Cable Retention force:	22mm dia, 150N 15mm dia, 150N 7mm dia, 80N
Gland Nut Torques:	PX0 range 13-15mm (Yellow - std.) 11-13mm (black) 9-11mm (white) 7-9mm (dark grey) PXA range 20-22mm (Yellow - std.) 18-20mm (black) 16-18mm (white) 14-16mm (dark grey) 3.16Nm (28 lbf.in.) 3.16Nm (28 lbf.in.) 3.16Nm (28 lbf.in.) 3.16Nm (28 lbf.in.) 3.16Nm (28 lbf.in.) 3.16Nm (28 lbf.in.) 3.16Nm (28 lbf.in.) 3.16Nm (28 lbf.in.) 3.16Nm (28 lbf.in.)
Tightening Torques:	Panel mount nut Flange & Bulkhead fixing screws Inserts into Bodies Term screws - 2 to 5 poles Term screws - 7 pole Term screws - 10 pole 2.25Nm (20 lbf.in.) 0.9Nm (8 lbf.in.) 1.13Nm (10 lbf.in.) to 1.36Nm (12 lbf.in.) 1.0Nm (9 lbf.in.) max 0.4Nm (3.5 lbf.in.) max 0.25Nm (2.2 lbf.in.) max
Rear thread PX0931 series	M36 x 2-6g

CONTACT LAYOUT



2 pole



3 pole



4 pole



5 pole



7 pole



10 pole

Dimensions:

Overall dimensions of connectors when mated together

PX0911 + PX0921	230 mm max.
PXA911 + PXA921	270 mm max.
PX0911 + PX0931	135 mm max. (to panel)
PXA911 + PX0931	175 mm max. (to panel)
PX0911 + PX0941	145 mm max. (to panel, mid point on flange)
PXA911 + PX0941	174 mm max. (to panel, mid point on flange)

PART NO SYSTEM
PXx9 x x / xx / x / xx
Series Designation

09 = Standard Cable Accommodation (7-13mm)

A9 = Large Cable Accommodation (14-22mm)

Body Styles

 1 = Flex, 2 = Flex In-line,
3 = Panel, 4 = Flange Panel

Contact Termination

1 = Screw Terminal

Number Contacts

 02 = 2 pole, 03 = 3 pole, 04 = 4 pole,
05 = 5 pole, 07 = 7 pole, 10 = 10 pole

Contact Type

P = Plug, S = Socket

Cable Acceptance

PX0 version:

Blank = 13-15mm Yellow cable gland (standard)

03 = 11-13mm Black cable gland

02 = 9-11mm White cable gland

01 = 7-9mm Dark Grey cable gland

PXA version:

Blank = 20-22mm Yellow cable gland (standard)

09 = 18-20mm Black cable gland

08 = 16-18mm White cable gland

07 = 14-16mm Dark Grey cable gland

Example:

PX0911/07/P/03 = Flex cable connector with standard cable accommodation body, seven pin contacts, with gland to suit 11-13mm cable.