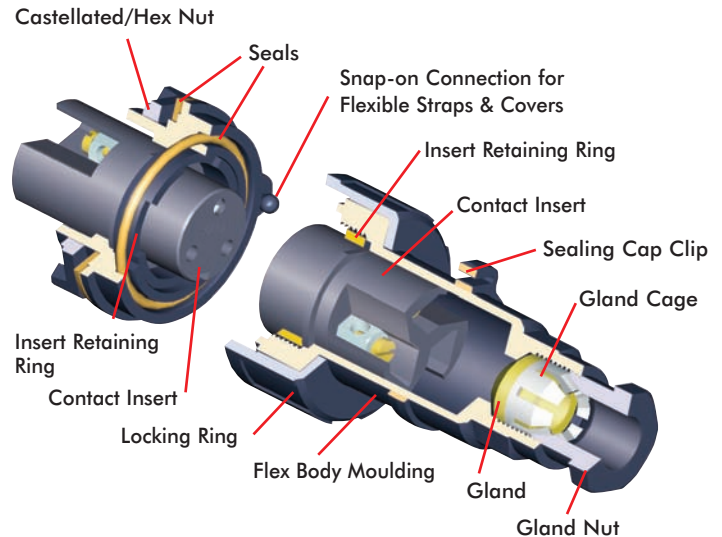


IP68

# Standard Buccaneer®

BUCCANEER POWER

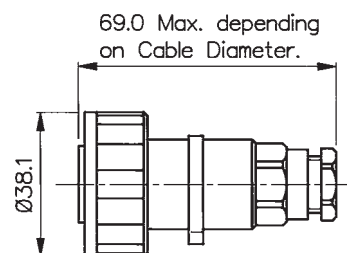


- IP68 rating tested at 1.054kg/sq cm (15lb/sq in) 10m depth for 2 weeks and 9.84kg/sq cm (140lb/sq in) 100m depth for 12 hours
- Water and dustproof to IP68 when mated
- 2, 3, 4, 6, 7, 9, 12 and 25 pole
- 12A, 277V ac/dc 2 pole screw terminal, 3 pole screw terminal and crimp contacts
- 10A, 277V ac/dc 4 pole screw terminal
- 5A, 277V ac/dc 6 and 7 pole screw terminal
- 5A, 150V ac/dc 9 pole crimp contacts
- 5A, 50V ac/dc 12 pole crimp and solder contacts
- 1A, 50V ac/dc 25 pole crimp and solder contacts
- BNC versions 50Ω and 75Ω
- Plug or socket connection in each body style
- Compact design
- Diameter over coupling ring 38mm
- Sealing caps available to maintain IP68 rating of unmated connectors
- 7 body styles - flex cable, in-line flex cable, panel mount (front), panel mount (rear), PCB mount, bulkhead and flange mount
- Leading earth contact for 3 pole socket version
- Positive locating keyways - cannot be mis-connected
- Easy assembly - no special tools required on screw terminal versions
- Cable range from 3.5mm - 9mm
- Colour coded identification variants
- Pre-wired, overmoulded cable assemblies
- UL, CSA and VDE approvals

**Standard Buccaneer®**
**FLEX CABLE CONNECTOR**

**PX0731/P**

- Mates with In-Line Flex or Panel Mounting Versions
- Screw Locking Ring
- Pin or Socket Versions
- Leading Earth on 3 pole connectors
- Poles 2, 3, 4, 6, 7, 9, 12, 25 or BNC
- Standard Cable Acceptance (2 to 9 pole) 6-8mm, 3.5-9mm with alternative glands



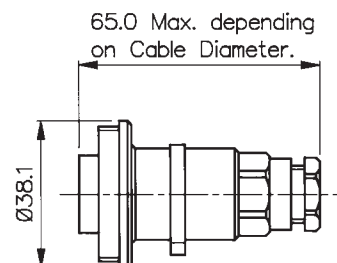
| Poles  | Termination  | Pin Contacts   | Socket Contacts | Contacts         |
|--------|--------------|----------------|-----------------|------------------|
| 2      | Screw        | PX0736/P       | PX0736/S        | Supplied Fitted  |
| 3      | Screw        | PX0731/P       | PX0731/S        | Supplied Fitted  |
| 3      | Crimp        | PX0776/P       | PX0776/S        | Supplied Loose   |
| 4      | Screw        | PX0748/P       | PX0748/S        | Supplied Fitted  |
| 6      | Screw        | PX0739/P       | PX0739/S        | Supplied Fitted  |
| 7      | Screw        | PX0745/P       | PX0745/S        | Supplied Fitted  |
| 9      | Crimp        | PX0728/P       | PX0728/S        | Supplied Loose   |
| 12     | Crimp/Solder | PX0794/P       | PX0794/S        | Order Separately |
| 25     | Crimp/Solder | PX0820/P       | PX0820/S        | Order Separately |
| 50ΩBNC | Crimp        | PX0742/P/50OHM |                 | Supplied Loose   |
| 75ΩBNC | Crimp        | PX0742/P/75OHM |                 | Supplied Loose   |

BUCCANEER POWER

**IN-LINE FLEX CABLE CONNECTOR**

**PX0732/S**

- Mates with Flex Cable Connector
- Pin or Socket Versions
- Leading Earth on 3 pole connectors
- Poles 2, 3, 4, 6, 7, 9, 12, 25 or BNC
- Standard Cable Acceptance (2 to 9 pole) 6-8mm, 3.5-9mm with alternative glands

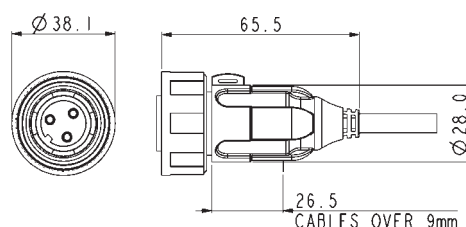


| Poles  | Termination  | Pin Contacts | Socket Contacts | Contacts         |
|--------|--------------|--------------|-----------------|------------------|
| 2      | Screw        | PX0737/P     | PX0737/S        | Supplied Fitted  |
| 3      | Screw        | PX0732/P     | PX0732/S        | Supplied Fitted  |
| 3      | Crimp        | PX0778/P     | PX0778/S        | Supplied Loose   |
| 4      | Screw        | PX0749/P     | PX0749/S        | Supplied Fitted  |
| 6      | Screw        | PX0740/P     | PX0740/S        | Supplied Fitted  |
| 7      | Screw        | PX0746/P     | PX0746/S        | Supplied Fitted  |
| 9      | Crimp        | PX0729/P     | PX0729/S        | Supplied Loose   |
| 12     | Crimp/Solder | PX0795/P     | PX0795/S        | Order Separately |
| 25     | Crimp/Solder | PX0821/P     | PX0821/S        | Order Separately |
| 50ΩBNC | Crimp        |              | PX0743/S/50OHM  | Supplied Loose   |
| 75ΩBNC | Crimp        |              | PX0743/S/75OHM  | Supplied Loose   |

**PRE-WIRED FLEX CABLE CONNECTOR**

**PX0700**

- Overmoulded cable assemblies
- Up to 14mm dia cable with PVC or PU jackets
- PX0700 flex cable connector
- Mates with in-line flex connector and all panel connectors

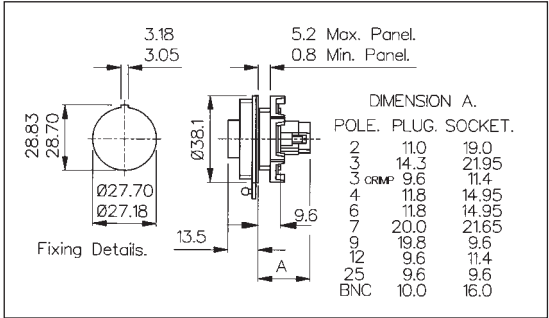


Standard Buccaneer®

FRONT PANEL MOUNTING CONNECTOR



- Mates with Flex Cable Connector
- Front panel mounting
- Single Hole Fixing
- Pin or Socket Versions
- Poles 2, 3, 4, 6, 7, 9, 12, 25 or BNC

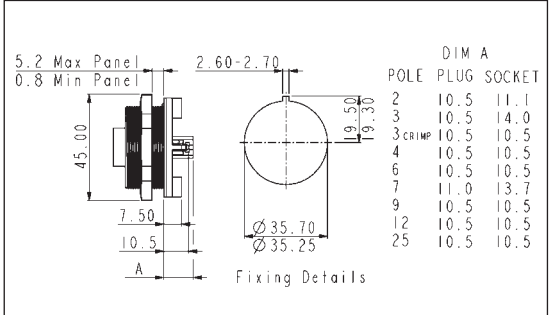


| Poles  | Termination  | Pin Contacts | Socket Contacts | Contacts         |
|--------|--------------|--------------|-----------------|------------------|
| 2      | Screw        | PX0735/P     | PX0735/S        | Supplied Fitted  |
| 3      | Screw        | PX0730/P     | PX0730/S        | Supplied Fitted  |
| 3      | Crimp        | PX0779/P     | PX0779/S        | Supplied Loose   |
| 4      | Screw        | PX0747/P     | PX0747/S        | Supplied Fitted  |
| 6      | Screw        | PX0738/P     | PX0738/S        | Supplied Fitted  |
| 7      | Screw        | PX0744/P     | PX0744/S        | Supplied Fitted  |
| 9      | Crimp        | PX0727/P     | PX0727/S        | Supplied Loose   |
| 12     | Crimp/Solder | PX0796/P     | PX0796/S        | Order Separately |
| 25     | Crimp/Solder | PX0822/P     | PX0822/S        | Order Separately |
| 50ΩBNC | Crimp        |              | PX0741/S/50OHM  | Supplied Loose   |
| 75ΩBNC | Crimp        |              | PX0741/S/75OHM  | Supplied Loose   |

REAR PANEL MOUNTING CONNECTOR



- Mates with Flex Cable Connector
- Rear panel mounting
- Single Hole Fixing
- Pin or Socket Versions
- Poles 2, 3, 4, 6, 7, 9, 12 or 25

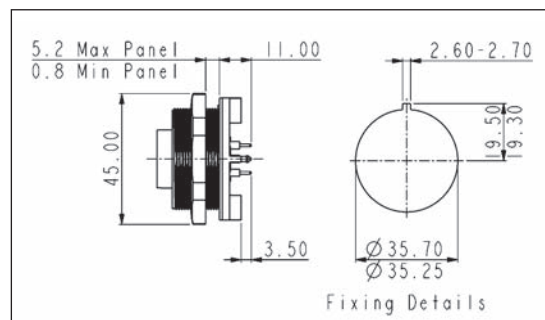


| Poles | Termination  | Pin Contacts | Socket Contacts | Contacts         |
|-------|--------------|--------------|-----------------|------------------|
| 2     | Screw        | PX0709/P/02  | PX0709/S/02     | Supplied Fitted  |
| 3     | Screw        | PX0709/P/03  | PX0709/S/03     | Supplied Fitted  |
| 3     | Crimp        | PX0708/P/03  | PX0708/S/03     | Supplied Loose   |
| 4     | Screw        | PX0709/P/04  | PX0709/S/04     | Supplied Fitted  |
| 6     | Screw        | PX0709/P/06  | PX0709/S/06     | Supplied Fitted  |
| 7     | Screw        | PX0709/P/07  | PX0709/S/07     | Supplied Fitted  |
| 9     | Crimp        | PX0708/P/09  | PX0708/S/09     | Supplied Loose   |
| 12    | Crimp/Solder | PX0708/P/12  | PX0708/S/12     | Order Separately |
| 25    | Crimp/Solder | PX0708/P/25  | PX0708/S/25     | Order Separately |

**Standard Buccaneer®**
**PCB MOUNTING CONNECTOR**

**PX0707/P/12**

- Mates with Flex Cable connector
- Rear panel mounting
- No. poles: 3, 4, 6, 9, 12 or 25
- Pin or socket versions
- Pre-loaded Gold Plated contacts

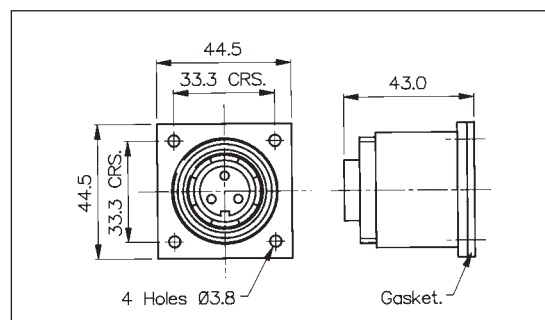


| Poles | Termination | Pin Contacts | Socket Contacts | Contacts        |
|-------|-------------|--------------|-----------------|-----------------|
| 3     | PCB         | PX0707/P/03  | PX0707/S/03     | Supplied Fitted |
| 4     | PCB         | PX0707/P/04  | PX0707/S/04     | Supplied Fitted |
| 6     | PCB         | PX0707/P/06  | PX0707/S/06     | Supplied Fitted |
| 9     | PCB         | PX0707/P/09  | PX0707/S/09     | Supplied Fitted |
| 12    | PCB         | PX0707/P/12  | PX0707/S/12     | Supplied Fitted |
| 25    | PCB         | PX0707/P/25  | PX0707/S/25     | Supplied Fitted |

**BULKHEAD FLANGE MOUNTING CONNECTOR**

**PX0756/S**

- Mates with Flex Cable Connector
- Screw Fixing Flange
- Pin or Socket Versions
- Poles 2, 3, 4, 6, 7, 9, 12, 25 or BNC
- Supplied with sealing gasket and screw sealing grommets

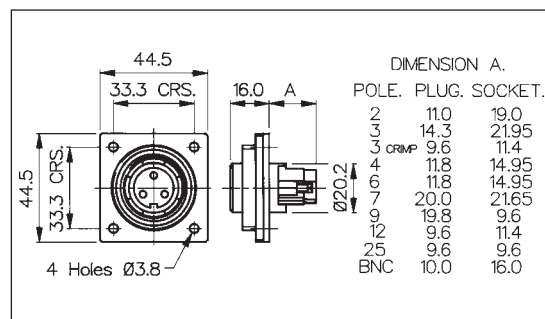


| Poles  | Termination  | Pin Contacts | Socket Contacts | Contacts         |
|--------|--------------|--------------|-----------------|------------------|
| 2      | Screw        | PX0757/P     | PX0757/S        | Supplied Fitted  |
| 3      | Screw        | PX0756/P     | PX0756/S        | Supplied Fitted  |
| 3      | Crimp        | PX0787/P     | PX0787/S        | Supplied Loose   |
| 4      | Screw        | PX0761/P     | PX0761/S        | Supplied Fitted  |
| 6      | Screw        | PX0758/P     | PX0758/S        | Supplied Fitted  |
| 7      | Screw        | PX0760/P     | PX0760/S        | Supplied Fitted  |
| 9      | Crimp        | PX0762/P     | PX0762/S        | Supplied Loose   |
| 12     | Crimp/Solder | PX0798/P     | PX0798/S        | Order Separately |
| 25     | Crimp/Solder | PX0823/P     | PX0823/S        | Order Separately |
| 50ΩBNC | Crimp        |              | PX0759/S/50OHM  | Supplied Loose   |
| 75ΩBNC | Crimp        |              | PX0759/S/75OHM  | Supplied Loose   |

**LOW PROFILE FLANGE MOUNTING CONNECTOR**

**PX0765/S**

- Screw Flange Fixing
- Pin or Socket Versions
- Poles 2, 3, 4, 6, 7, 9, 12, 25 or BNC
- Mates with Flex Cable Connector
- Supplied with sealing gasket and screw sealing grommets



| Poles  | Termination  | Pin Contacts | Socket Contacts | Contacts         |
|--------|--------------|--------------|-----------------|------------------|
| 2      | Screw        | PX0764/P     | PX0764/S        | Supplied Fitted  |
| 3      | Screw        | PX0765/P     | PX0765/S        | Supplied Fitted  |
| 3      | Crimp        | PX0781/P     | PX0781/S        | Supplied Loose   |
| 4      | Screw        | PX0766/P     | PX0766/S        | Supplied Fitted  |
| 6      | Screw        | PX0767/P     | PX0767/S        | Supplied Fitted  |
| 7      | Screw        | PX0768/P     | PX0768/S        | Supplied Fitted  |
| 9      | Crimp        | PX0769/P     | PX0769/S        | Supplied Loose   |
| 12     | Crimp/Solder | PX0797/P     | PX0797/S        | Order Separately |
| 25     | Crimp/Solder | PX0824/P     | PX0824/S        | Order Separately |
| 50ΩBNC | Crimp        |              | PX0763/S/50OHM  | Supplied Loose   |
| 75ΩBNC | Crimp        |              | PX0763/S/75OHM  | Supplied Loose   |



## Standard Buccaneer®

### COLOURED CONTACT INSERTS



Coloured Inserts

- With or without matching gland nut
- Positive visual identification
- Available in; Black, Blue, Green, Grey, Light Grey, Red, White and Yellow

### Contact Inserts Colour Options

| Part No Suffix | Colour     |
|----------------|------------|
| Blank          | Black      |
| BL             | Blue       |
| GN             | Green      |
| GY             | Grey       |
| LG             | Light Grey |
| RD             | Red        |
| WH             | White      |
| YL             | Yellow     |

Insert/Gland Nut Combinations

|   |                               |
|---|-------------------------------|
| 1 | Insert and Gland Nut Coloured |
| 2 | Insert Only Coloured          |

e. g. PX0731/P/YL1 = Yellow insert and gland nut

### CONTACTS FOR 12 AND 25 POLE INSERTS



12 & 25 way contacts

- Crimp or Solder Pins and Sockets
- Gold Plated
- Current ratings:  
12 way: 5A, 50V  
25 way: 1A, 50V

### Contacts - Solder & Crimp for 12 and 25 pole

| Contacts (for 25 pole)<br>(Supplied in packs of 10) | Solder   | Crimp  |
|-----------------------------------------------------|----------|--------|
| Pins                                                | SA3180/1 | SA3180 |
| Sockets                                             | SA3179/1 | SA3179 |

| Contacts (for 12 pole)<br>(Supplied in packs of 10) | Solder   | Crimp  |
|-----------------------------------------------------|----------|--------|
| Pins                                                | SA3348/1 | SA3348 |
| Sockets                                             | SA3347/1 | SA3347 |

### ASSEMBLY TOOLS



PNo 13027 and 13170

- Crimp Tools for 3, 9, 12 and 25 pole crimp contacts
- Insertion/Extraction Tool for 25 pole contacts

### Tools

|                                     |                 |
|-------------------------------------|-----------------|
| Crimp Tool (25 pole)                | PNo. 13170      |
| Crimp Tool (12 pole)                | PNo. 14025      |
| Positioner (12 pole)                | PNo. 14025/5AMP |
| Crimp Tool (9 pole)                 | PNo. 13826      |
| Crimp Tool (3 pole)                 | PNo. 14232      |
| 3 pole positioner                   | PNo. 14232/1    |
| Insertion/Extraction Tool (25 pole) | PNo. 13027      |
| Insertion/Extraction Tool (12 pole) | PNo. 13027/1    |
| Insertion/Extraction Tool (3 pole)  | PNo. 13027/3    |

Hex Cavities for BNC Inserts

|                 |                             |
|-----------------|-----------------------------|
| Centre Contact: | 1.69 A/F (B.S. 'W'/ERMA XA) |
| Braid:          | 6.48 A/F (B.S. 'E'/ERMA XH) |

### CABLE GLANDS



SA3253

- Pack of alternative cable glands to suit cables from 3.5 to 9mm dia.

### Cable Acceptance - Alternatives

| Cable Diameter | Gland Part No. | Gland Colour | Additional Suffix                                           |
|----------------|----------------|--------------|-------------------------------------------------------------|
| 6-8mm          | 12023          | Black        | Standard for 2-12 pole                                      |
| 3.5-5mm        | SA3426         | Grey         | Suffix /04†                                                 |
| 5-7mm          | 12023/1        | White        | Suffix /05                                                  |
| 7-9mm          | 12023/2        | Yellow       | Suffix /07*                                                 |
| Gland Pack     | SA3253         |              | Pack of 3 glands to suit cables 3.5-5mm, 5-7mm & 7-9mm dia† |

\*Note: 7-9mm gland standard for 25 way, no suffix required.

†Includes additional black gland cage for 3.5-5mm dia. cable range.

To order connector with alternative cable gland add suffix to part no. e.g. PX0731/P/07 = PX0731 3 pin connector with cable gland to suit 7-9mm dia. cable.

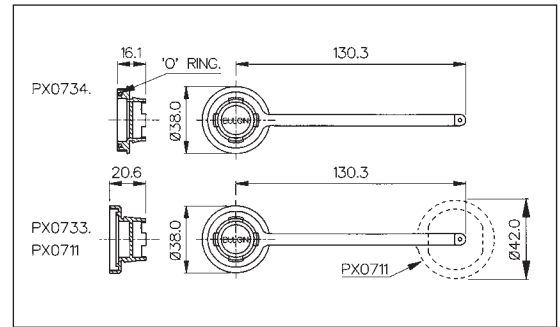
### Cable Acceptance - Standard as supplied

| No. Contacts | Cable Diameter or Type |
|--------------|------------------------|
| 2-12 Pole    | 6-8mm                  |
| 25 Pole      | 7-9mm                  |
| BNC 50Ω      | RG 58/CU, URM43, URM76 |
| BNC 75Ω      | URM70                  |

**Standard Buccaneer®**
**SEALING CAP/ASSEMBLY TOOL**

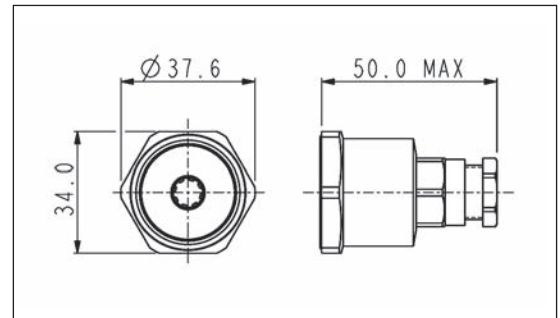
**PX0734 PX0733**

- Maintains IP68 Rating of Unmated Connectors
- Can be used to remove Inserts
- PX0734 for Flex Cable Connector
- PX0733 for In-line Flex, Front Panel, Bulkhead and Flange mount connectors
- PX0711 for PCB and Rear Panel Mount connectors


**REAR OF PANEL BACKSHELL**

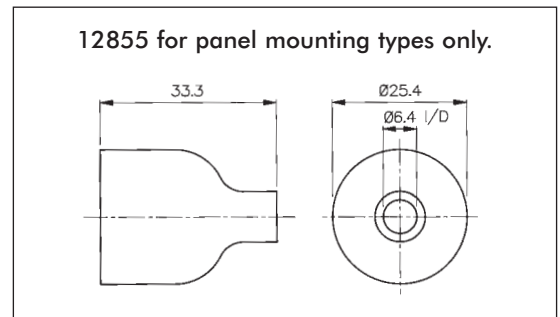
**PX0799**

- Provides environmental seal to rear of panel
- Standard cable acceptance 6-8mm, 3.5 to 9mm with alternative glands
- For use on front panel mounting connectors
- Replaces mounting nut in panel connector


**BUCCANEER POWER**
**PVC INSULATION BOOT**

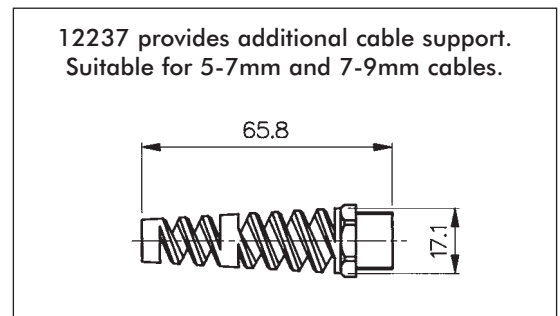
**PNo. 12855**

- Shock protection for rear of connector
- Flammability Rating UL94V-0
- Fits Front Panel Mount Versions only


**CABLE SUPPORT ACCESSORY**

**PNo. 12237**

- Gives Extra Support to the Cable
- Suitable for 5-7mm and 7-9mm Cable Diameters



12237 provides additional cable support. Suitable for 5-7mm and 7-9mm cables.

## Standard Buccaneer®

### PART NO SYSTEM

PX0xxx / x / xx / xx x

Body Styles

Contacts Type

P = Pin

S = Socket

Cable Acceptance or PCB/Rear Panel Mounting

Flex Cable and In-line Flex Connectors cable acceptance use:

**Blank** = 6-8mm (Black) standard for 2-12 pole

**04** = 3.5-5mm (Grey)

**05** = 5-7mm (White)

**07** = 7-9mm (Yellow) (standard for 25 way, no suffix required)

PCB (PX0707) and Rear Panel Mount connectors (PX0708 and PX0709) use:

**02** = 2 pole

**03** = 3 pole

**04** = 4 pole

**06** = 6 pole

**07** = 7 pole

**09** = 9 pole

**12** = 12 pole

**25** = 25 pole

Front Panel, Bulkhead and Flange Mount - not required:

Insert/Gland Nut Colour

**Blank** = Black

**LG** = Light Grey

**BL** = Blue

**RD** = Red

**GN** = Green

**WH** = White

**GY** = Grey

**YL** = Yellow

Insert/Gland Nut Colour Combination

**1** = Insert and Gland Nut Coloured

**2** = Insert only Coloured

### Examples:

PX0707/P/06 = PCB Panel connector, pin contacts, 6 pole

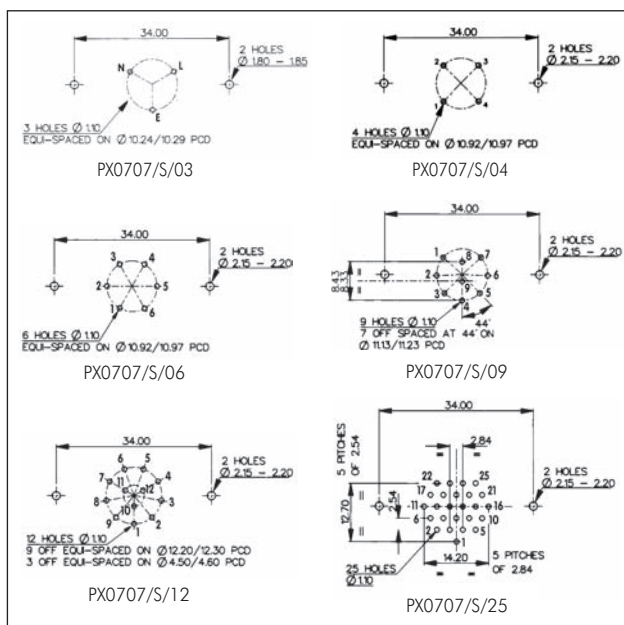
PX0731/S = Flex Cable connector, socket contacts, 3 pole

PX0732/P/07/BL2 = In-Line Flex Cable connector, pin contacts, 3 pole, 7-9mm cable acceptance, blue insert

### PCB LAYOUTS

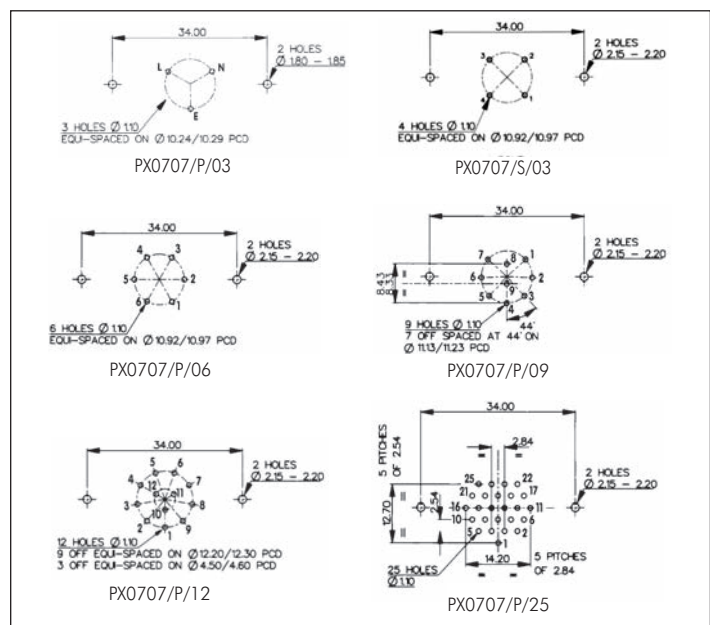
#### Sockets

Contact Nos viewed from rear of panel



#### Pins

Contact Nos viewed from rear of panel



**SPECIFICATION**

| <b>Electrical:</b>                                                                    |                                                                                                                                                 | <b>Mechanical:</b>                                |                                                                                                                                                                       |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No. Poles:                                                                            | 2, 3    4    6, 7    9    12    25                                                                                                              | Sealing:                                          | IP68, BS 5490 : 1977 Tested @ 1.054kg/sq.cm. (15lb/sq.in.) 10m depth for 2 weeks.<br>BSEN 60529 : 1992 Tested @ 9.84kg/sq.cm. (140lb/sq.in.) 100m depth for 12 hours. |
| Current Rating:                                                                       |                                                                                                                                                 | Cable Acceptance:                                 |                                                                                                                                                                       |
| VDE, UL, CCC                                                                          | 12A   10A   5A   5A   5A   1A                                                                                                                   | 2-12 Pole - standard gland:                       | 6-8mm dia                                                                                                                                                             |
| CSA                                                                                   | 10A   6A   3A   5A   5A   1A                                                                                                                    | 2-12 Pole - alternative glands:                   | 3.5-9mm dia                                                                                                                                                           |
| Voltage Rating (ac/dc):                                                               | 277V   277V   277V   150V   50V   50V                                                                                                           | 25 Pole - standard gland:                         | 7-9mm dim                                                                                                                                                             |
| Contact Resistance:                                                                   | <10mΩ (2-9 Pole)<br><5mΩ (12 Pole)<br><5mΩ (25 Pole)                                                                                            | 25 Pole - alternative glands:                     | 3.5-7mm dim                                                                                                                                                           |
| Insulation Resistance:                                                                | >10 <sup>4</sup> MΩ @ 500V d.c. (2-9 Pole)                                                                                                      | BNC 50Ω:                                          | RG 58/CU, URM43 & URM76                                                                                                                                               |
| AC Breakdown voltage:                                                                 | 4kV Pole - Pole (2-9 Pole)<br>6kV Poles - Panel (Low Profile Flange and Panel Types – 2-9 Pole)<br>7.5kV Poles - Panel (Other Types – 2-9 Pole) | BNC 75Ω:                                          | URM70                                                                                                                                                                 |
| Operating Temp. Range:                                                                | –20°C to +70°C                                                                                                                                  | Contact Accommodation:                            |                                                                                                                                                                       |
| Approvals:                                                                            |                                                                                                                                                 | 2 and 3 pole screw terminals:                     | 4mm <sup>2</sup> (12AWG) max                                                                                                                                          |
| UL   | E93288                                                                                                                                          | 3 pole crimp:                                     | 1.0-1.5mm <sup>2</sup> (14-18AWG) max                                                                                                                                 |
| CSA  | LR80968-30                                                                                                                                      | 4, 6 and 7 pole:                                  | 1.5mm <sup>2</sup> (16AWG) max                                                                                                                                        |
| VDE  | 40023148                                                                                                                                        | 9 pole:                                           | 0.12-0.21mm <sup>2</sup> (24-26AWG)                                                                                                                                   |
| CCC  | 2011010203500391                                                                                                                                | 12 pole:                                          | 0.32mm <sup>2</sup> (22-26AWG) max                                                                                                                                    |
|                                                                                       | 2011010203500393                                                                                                                                | 25 pole:                                          | 0.12-0.21mm <sup>2</sup> (24-26AWG)                                                                                                                                   |
|                                                                                       | 2011010203500394                                                                                                                                | Terminations:                                     |                                                                                                                                                                       |
|                                                                                       | 2011010203500395                                                                                                                                | 2-7 Pole:                                         | Screw Terminals                                                                                                                                                       |
|                                                                                       | <i>Overmoulded cable assemblies approvals to customer requirements.</i>                                                                         | 3 Pole:                                           | Screw Terminals & Crimp                                                                                                                                               |
|                                                                                       |                                                                                                                                                 | 9 Pole:                                           | Crimp Contacts                                                                                                                                                        |
|                                                                                       |                                                                                                                                                 | 12 Pole:                                          | Crimp & Solder Contacts                                                                                                                                               |
|                                                                                       |                                                                                                                                                 | 25 Pole:                                          | Crimp & Solder Contacts                                                                                                                                               |
|                                                                                       |                                                                                                                                                 | Tightening Torques:                               |                                                                                                                                                                       |
|                                                                                       |                                                                                                                                                 | Flex Mounting/In-Line:                            | Gland Nut: 1.13Nm (10lbf.in.)                                                                                                                                         |
|                                                                                       |                                                                                                                                                 | Panel Mounting:                                   | Rear Fixing Nut: 1.7Nm (15lbf.in.)<br>Front Fixing Nut: 1.7Nm (15lbf.in.)                                                                                             |
|                                                                                       |                                                                                                                                                 | Surface/Bulkhead and Low Profile Flange Mounting: | 4 Fixing Screws (using washers supplied)<br>0.34Nm (3lbf.in.)                                                                                                         |
|                                                                                       |                                                                                                                                                 | Sealings Caps/Locking Ring:                       | 1.13Nm (10lbf.in.)                                                                                                                                                    |
|                                                                                       |                                                                                                                                                 | Rear thread, Front Panel Connector:               | M27 x 1.0-6H                                                                                                                                                          |
|                                                                                       |                                                                                                                                                 | Thread, Front Panel Connector:                    | M35 x 1.0-6H                                                                                                                                                          |
| <b>Material:</b>                                                                      |                                                                                                                                                 |                                                   |                                                                                                                                                                       |
| Body Mouldings:                                                                       | Glass Filled Polyamide UL94HB                                                                                                                   |                                                   |                                                                                                                                                                       |
| Inserts (2-25 pole):                                                                  | Polyamide UL94V-0                                                                                                                               |                                                   |                                                                                                                                                                       |
| PX0707                                                                                | Polyamide UL94V-0                                                                                                                               |                                                   |                                                                                                                                                                       |
| PX0708                                                                                | Polyamide UL94V-0                                                                                                                               |                                                   |                                                                                                                                                                       |
| PX0709                                                                                | Polyamide UL94V-0                                                                                                                               |                                                   |                                                                                                                                                                       |
| Overmoulded types:                                                                    |                                                                                                                                                 |                                                   |                                                                                                                                                                       |
| Body Mouldings:                                                                       | Polyurethane                                                                                                                                    |                                                   |                                                                                                                                                                       |
| Flammability Rating:                                                                  | UL94V-HB                                                                                                                                        |                                                   |                                                                                                                                                                       |
| Contacts:                                                                             |                                                                                                                                                 |                                                   |                                                                                                                                                                       |
| Screw Terminal:                                                                       | Brass, Nickel Plated                                                                                                                            |                                                   |                                                                                                                                                                       |
| Crimp (9 pole):                                                                       | Copper Alloy, Tin Plated                                                                                                                        |                                                   |                                                                                                                                                                       |
| Crimp/Solder (12 + 25 Pole):                                                          | Copper Alloy, Gold Plated (0.1µm on Nickel)                                                                                                     |                                                   |                                                                                                                                                                       |
| BNC inserts:                                                                          | Brass, Nickel Plated                                                                                                                            |                                                   |                                                                                                                                                                       |
| BNC contacts:                                                                         | Brass, Silver Plated                                                                                                                            |                                                   |                                                                                                                                                                       |
|    | Compliant                                                                                                                                       |                                                   |                                                                                                                                                                       |

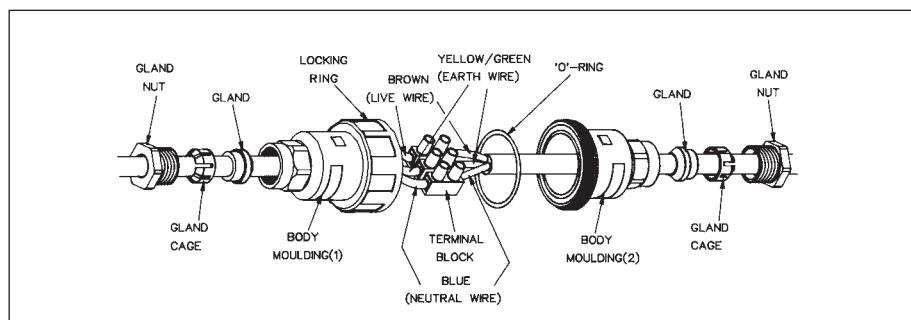
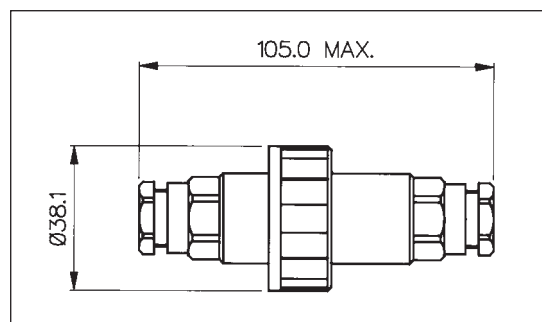


## Sealed In-Line Cable Joiner

### CABLE JOINER



- IP68 Rating
- For Sealed In-Line Connections
- Standard Cable Acceptance 6-8mm
- Cable Range 3.5-9mm (using alternative glands)
- Supplied with 3 way Terminal Block
- Available Moulded in Black or Orange



| Specification                                                                       | PX0777                                                                           |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Rating:                                                                             | 16A, 250V a.c.                                                                   |
| Wire Termination:                                                                   | 3 way Terminal Block (2.5mm <sup>2</sup> -14 AWG max)                            |
| Cable Acceptance:                                                                   | 6-8mm dia<br>alternative glands available on request                             |
| Material:                                                                           | Glass Filled Polyamide UL94HB                                                    |
| Sealing:                                                                            | IP68 to BSEN 60529 : 1992 1.054kg/sq.cm.<br>(15lbs/sq.in.) 10m depth for 2 weeks |
| Operating Temp. Range:                                                              | -20°C to +70°C                                                                   |
| Colour:                                                                             | Black<br>Orange (Add /OR to PNo.)                                                |
| BNC Cable Types:                                                                    | 50 ohm – RG58/CU, URM43 & URM76<br>For BNC version of PX0777 add /50OHM to PNo.  |
|  | Compliant                                                                        |