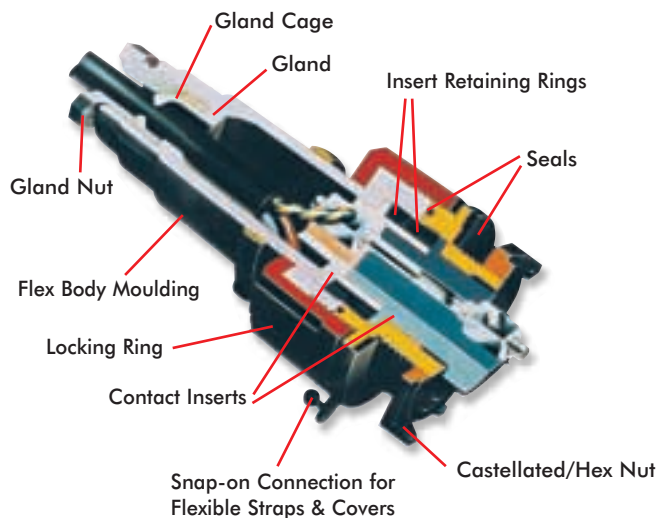




## Standard Buccaneer®



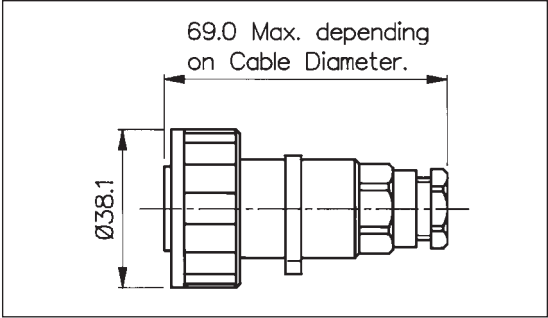
- Diameter over coupling ring 38mm
- 2, 3, 4, 6, 7, 9 and 25 pole
- 10A, 250V a.c. 2 & 3 pole screw terminal
- 6A, 250V a.c. 4 pole screw terminal
- 3A, 250V a.c. 6 and 7 pole screw terminal
- 5A, 150V a.c. 9 pole crimp contacts
- 1A, 50V a.c. 25 pole crimp or solder contacts
- Plug or socket connection in each body style
- Positive locating keyways - cannot be mis-connected
- Compact design
- UL, CSA and VDE approvals

- Water and dustproof to IP68 when mated
- IP68 rating tested at 15lb/sq in (10m depth) for 2 weeks and 140lb/sq in (100m depth) for 12 hours
- Sealing caps available to maintain IP68 rating of unmated connectors
- 5 body styles - flex & in-line flex, panel - single hole & flange mounting
- Leading earth contact for 3 pole socket version
- Easy assembly - no special tools required on screw terminal versions
- Cable range from 3.5mm - 9mm

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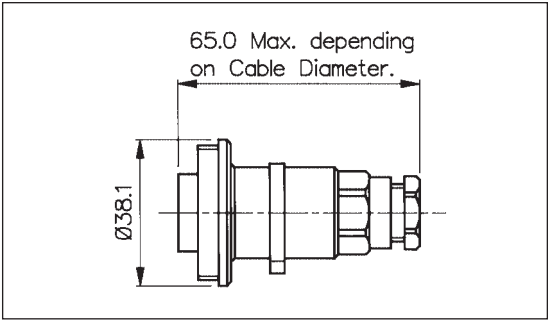
- Flex Cable Connector
- Screw Locking Ring
- Pin or Socket Versions
- Leading Earth on 3 pole connectors
- Poles 2, 3, 4, 6, 7, 9, 25 or BNC
- Standard Cable Acceptance 6-8mm, 3.5-9 mm with alternative glands
- Mates with In-Line Flex or Panel Mounting Versions



| Poles  | Termination  | Pin Contacts | Socket Contacts | Contacts         |
|--------|--------------|--------------|-----------------|------------------|
| 2      | Screw        | PX0736/P     | PX0736/S        | Supplied Fitted  |
| 3      | Screw        | PX0731/P     | PX0731/S        | Supplied Fitted  |
| 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   |
| 25     | Crimp/Solder | PX0820/P     | PX0820/S        | Order Separately |
| 50ΩBNC | Crimp        | PX0742/P/50Ω |                 | Supplied Loose   |
| 75ΩBNC | Crimp        | PX0742/P/75Ω |                 | Supplied Loose   |



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

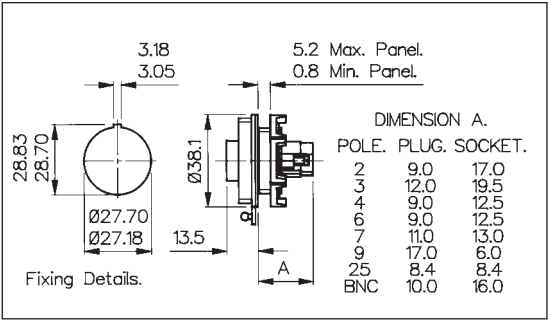


| Poles  | Termination  | Pin Contacts | Socket Contacts | Contacts         |
|--------|--------------|--------------|-----------------|------------------|
| 2      | Screw        | PX0737/P     | PX0737/S        | Supplied Fitted  |
| 3      | Screw        | PX0732/P     | PX0732/S        | Supplied Fitted  |
| 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   |
| 25     | Crimp/Solder | PX0821/P     | PX0821/S        | Order Separately |
| 50ΩBNC | Crimp        |              | PX0743/S/50Ω    | Supplied Loose   |
| 75ΩBNC | Crimp        |              | PX0743/S/75Ω    | Supplied Loose   |

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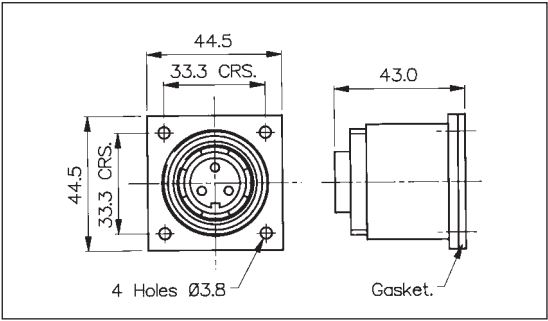
- Panel Mounting Connector
- Single Hole Fixing
- Pin or Socket Versions
- Poles 2, 3, 4, 6, 7, 9, 25 or BNC
- Mates with Flex Cable Connector



| Poles  | Termination  | Pin Contacts | Socket Contacts | Contacts         |
|--------|--------------|--------------|-----------------|------------------|
| 2      | Screw        | PX0735/P     | PX0735/S        | Supplied Fitted  |
| 3      | Screw        | PX0730/P     | PX0730/S        | Supplied Fitted  |
| 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   |
| 25     | Crimp/Solder | PX0822/P     | PX0822/S        | Order Separately |
| 50ΩBNC | Crimp        |              | PX0741/S/50Ω    | Supplied Loose   |
| 75ΩBNC | Crimp        |              | PX0741/S/75Ω    | Supplied Loose   |



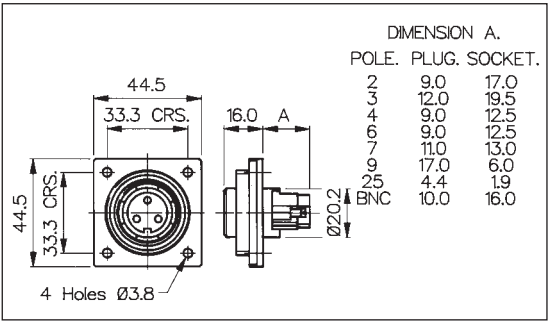
- Bulkhead Flange Mounting Connector
- Screw Fixing Flange
- Pin or Socket Versions
- Poles 2, 3, 4, 6, 7, 9, 25 or BNC
- Mates with Flex Cable Connector
- Supplied with sealing gasket and screw sealing grommets



| Poles  | Termination  | Pin Contacts | Socket Contacts | Contacts         |
|--------|--------------|--------------|-----------------|------------------|
| 2      | Screw        | PX0757/P     | PX0757/S        | Supplied Fitted  |
| 3      | Screw        | PX0756/P     | PX0756/S        | Supplied Fitted  |
| 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   |
| 25     | Crimp/Solder | PX0823/P     | PX0823/S        | Order Separately |
| 50ΩBNC | Crimp        |              | PX0759/S/50Ω    | Supplied Loose   |
| 75ΩBNC | Crimp        |              | PX0759/S/75Ω    | Supplied Loose   |



- Low Profile Flange Mounting Connector
- Screw Flange Fixing
- Pin or Socket Versions
- Poles 2, 3, 4, 6, 7, 9, 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  |
| 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   |
| 25     | Crimp/Solder | PX0824/P     | PX0824/S        | Order Separately |
| 50ΩBNC | Crimp        |              | PX0763/S/50Ω    | Supplied Loose   |
| 75ΩBNC | Crimp        |              | PX0763/S/75Ω    | Supplied Loose   |

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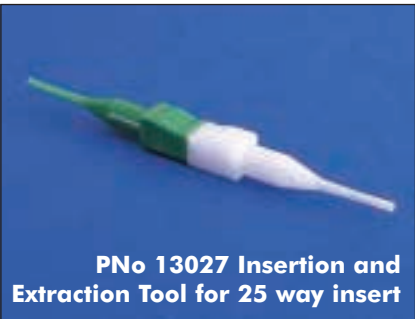


25 way inserts (Assembled)

- Contacts for 25 Way Inserts
- Crimp or Solder Pins and Sockets
- Gold Plated
- 1A, 50V

Contacts - Solder & Crimp

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



PN0 13027 Insertion and Extraction Tool for 25 way insert

- Insertion and Extraction Tool
- For Use with 25 Way Inserts

Tools

|                                                 |                                |
|-------------------------------------------------|--------------------------------|
| Crimp Tool (25 Way)                             | PN0. 13170                     |
| Crimp Tool (9 Way)                              | PN0. 13826                     |
| Insertion/Extraction Tool (25 Way)              | PN0. 13027                     |
| Hex Cavities for BNC Inserts<br>Centre Contact: | 1.69 A/F<br>(B.S. 'W'/ERMA XA) |
| Braid:                                          | 6.48 A/F<br>(B.S. 'E'/ERMA XH) |



BNC Inserts

- BNC Inserts
- 50 or 75 ohms available
- Fit all Standard Connector Versions

Cable Acceptance - Standard as supplied

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

Cable Acceptance - Alternatives

| Cable Diameter | Gland Part No. | Gland Colour | Additional Suffix                                          |
|----------------|----------------|--------------|------------------------------------------------------------|
| 6-8mm          | 12023          | Black        | Standard for 2-9 pole                                      |
| 3.5-5mm        | 12023/5        | 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 |

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

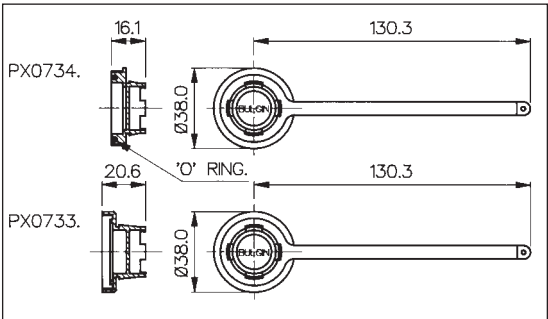


Cap Assembly Tools

PX0733  
Fits all other  
types.

PX0734  
Fits Flex  
Mounting types.

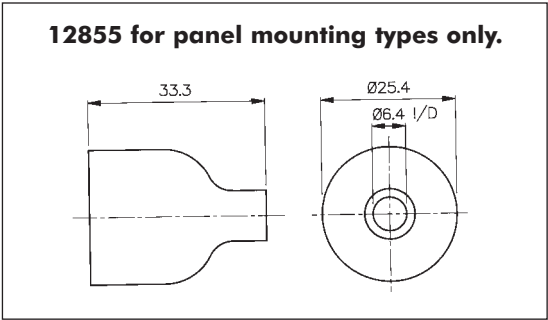
- Sealing Cap/Assembly Tool
- Maintains IP68 Rating of Unmated Connectors
- Can be used to remove Inserts
- Two Styles, One for Flex Mount and One for Panel Mount & Flex In-Line Connector



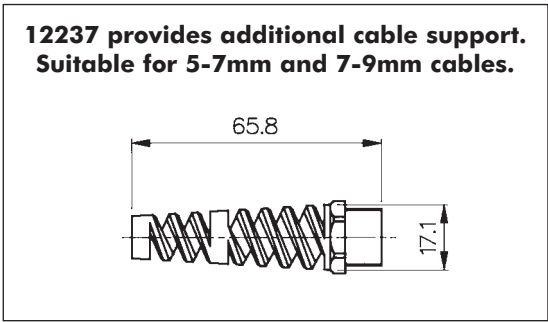
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- PVC Insulation Boot
- Protects Rear of the Connector
- Flammability Rating UL94V-0
- Fits Panel Mount Versions only



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



Specification

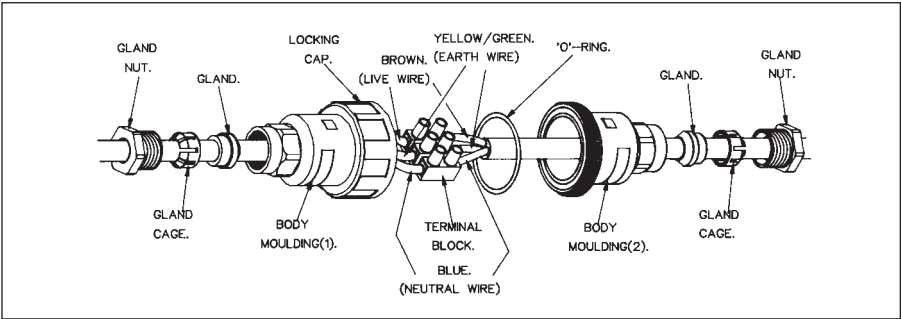
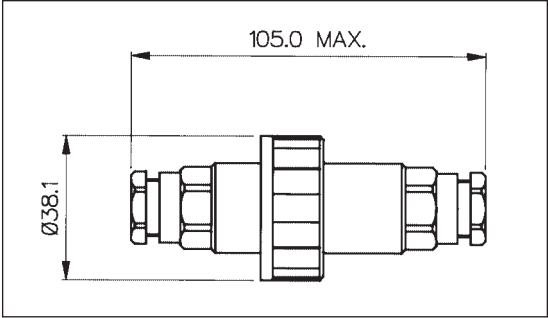
| Electrical:             |                                                                                                                                                 |      |      |      |     | Mechanical:                 |                                                                                                                                                                        |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|-----|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No Poles:               | 2, 3                                                                                                                                            | 4    | 6, 7 | 9    | 25  | Sealing:                    | IP68, BS 5490 : 1977 Tested @ 15lb/sq.in. (10m depth) for 2 wks.<br>BSEN 60529 : 1992 Tested @ 140lb/sq.in. (100m depth) for 12 hrs.                                   |
| Current Rating:         | 10A                                                                                                                                             | 6A   | 3A   | 5A   | 1A  | Cable Acceptance:           | 2-9 Pole - standard gland: 6-8mm dia<br>2-9 Pole - alternative glands: 3.5-9mm dia<br>25 Pole - standard gland: 7-9mm dim<br>25 Pole - alternative glands: 3.5-7mm dim |
| Voltage Rating (ac/dc): | 250V                                                                                                                                            | 250V | 250V | 150V | 50V | BNC 50Ω:                    | RG 58/CU, URM43 & URM76                                                                                                                                                |
| Contact Resistance:     | <10mΩ (2-9 Pole)<br><5mΩ (25 Pole)                                                                                                              |      |      |      |     | BNC 75Ω:                    | URM70                                                                                                                                                                  |
| Insulation Resistance:  | >10 <sup>9</sup> MΩ @ 500V d.c. (2-9 Pole)                                                                                                      |      |      |      |     | Contact Accommodation:      | 4mm <sup>2</sup> (12AWG) max<br>1.5mm <sup>2</sup> (16AWG) max<br>0.14-0.2mm <sup>2</sup><br>0.21-0.081mm <sup>2</sup>                                                 |
| 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) |      |      |      |     | Terminations:               | Screw Terminals<br>Crimp Contacts<br>Crimp & Solder Contacts                                                                                                           |
| Operating Temp. Range:  | -20°C to +70°C                                                                                                                                  |      |      |      |     | Tightening Torques:         | Gland Nut; 1.13Nm (10lbf.in.)<br>Rear Fixing Nut; 1.7Nm (15lbf.in.)                                                                                                    |
| Approvals:              |                                                              |      |      |      |     | Sealings Caps/Locking Ring: | 4 Fixing Screws (using washers supplied)<br>0.34Nm (3lbf.in.)<br>1.13Nm (10lbf.in.)                                                                                    |
| Material:               |                                                                                                                                                 |      |      |      |     |                             |                                                                                                                                                                        |
| Body Mouldings:         | Glass Filled Polyamide UL94HB                                                                                                                   |      |      |      |     |                             |                                                                                                                                                                        |
| Inserts (2-9 pole):     | Glass Filled Polyamide UL94HB                                                                                                                   |      |      |      |     |                             |                                                                                                                                                                        |
| Inserts (25 pole):      | Polyamide UL94V-0                                                                                                                               |      |      |      |     |                             |                                                                                                                                                                        |
| Contacts:               |                                                                                                                                                 |      |      |      |     |                             |                                                                                                                                                                        |
| Screw Terminal:         | Brass, Nickel Plated                                                                                                                            |      |      |      |     |                             |                                                                                                                                                                        |
| Crimp (9 pole):         | Copper Alloy, Tin Plated                                                                                                                        |      |      |      |     |                             |                                                                                                                                                                        |
| Crimp/Solder (25 Pole): | Copper Alloy, Gold Plated<br>(0.1µm on Nickel)                                                                                                  |      |      |      |     |                             |                                                                                                                                                                        |
| BNC inserts:            | Brass, Nickel Plated                                                                                                                            |      |      |      |     |                             |                                                                                                                                                                        |
| BNC contacts:           | Brass, Silver Plated                                                                                                                            |      |      |      |     |                             |                                                                                                                                                                        |



Sealed In-Line 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:                | 6A, 250V a.c.                                                                    |
| Wire Termination:      | 3 way Terminal Block (2.5mm <sup>2</sup> -14 AWG max)                            |
| Cable Acceptance:      | 6-8mm dia - standard gland<br>3.5-5mm, 5-7mm or 7-9mm dia - alternative glands   |
| Material:              | Glass Filled Polyamide UL94HB                                                    |
| Sealing:               | IP68 to BSEN 60529 : 1977                                                        |
| Operating Temp. Range: | -20°C to +70°C                                                                   |
| Colour:                | Black<br>Orange (Add /OR to P.No.)                                               |
| BNC Cable Types:       | 50 ohm – RG58/CU, URM43 & URM76<br>For BNC version of PX0777 add /50OHM to P.No. |