



Assembly Tools

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

Crimp Tool (25 pole)	P.No. 13170
Crimp Tool (12 pole)	P.No. 14025
Positioner (12 pole)	P.No. 14025/5AMP
Crimp Tool (9 pole)	P.No. 13826
Crimp Tool (3 pole)	P.No. 14232
3 pole positioner	P.No. 14232/1
Insertion/Extraction Tool (25 pole)	P.No. 13027
Insertion/Extraction Tool (12 pole)	P.No. 13027/1



Cable Glands

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



Sealing Caps/Assembly Tool

- Sealing caps to maintain IP68 rating of unmated connectors
- Can be used to remove inserts
- PX0734 fits Flex Mounting Connector
- PX0733 fits In-Line Flex, Front Panel, Bulkhead and Flange Mount Connectors
- PX0711 fits PCB and Rear Panel Mount Connectors
- RoHS Compliant



Rear of Panel Backshell

- 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
- P.No. PX0799
- RoHS Compliant

Standard Buccaneer®

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) (Supplied in packs of 10)	Solder	Crimp
Pins	SA3180/1	SA3180
Sockets	SA3179/1	SA3179

Contacts (for 12 pole) (Supplied in packs of 10)	Solder	Crimp
Pins	SA3348/1	SA3348
Sockets	SA3347/1	SA3347

ASSEMBLY TOOLS



PNo 13027 and 13170

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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

SPECIFICATION

Electrical:

No. Poles:	2, 3 4 6, 7 9 12 25
Current Rating:	10A 6A 3A 5A 5A 1A
Voltage Rating (ac/dc):	250V 250V 250V 150V 50V 50V
Contact Resistance:	<10mΩ (2-9 Pole) <5mΩ (12 Pole) <5mΩ (25 Pole)
Insulation Resistance:	>10 ⁴ MΩ @ 500V d.c. (2-9 Pole)
AC Breakdown voltage:	4kV Pole - Pole (2-9 Pole) 6kV Poles - Panel (Low Profile Flange and Panel Types – 2-9 Pole) 7.5kV Poles - Panel (Other Types – 2-9 Pole)
Operating Temp. Range:	-20°C to +70°C
Approvals:	 Approvals pending: 3 way crimp, 12 way, PX0707 & PX0709

Material:

Body Mouldings:	Glass Filled Polyamide UL94HB
Inserts (2-25 pole):	Polyamide UL94V-0
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

RoHS

Mechanical:

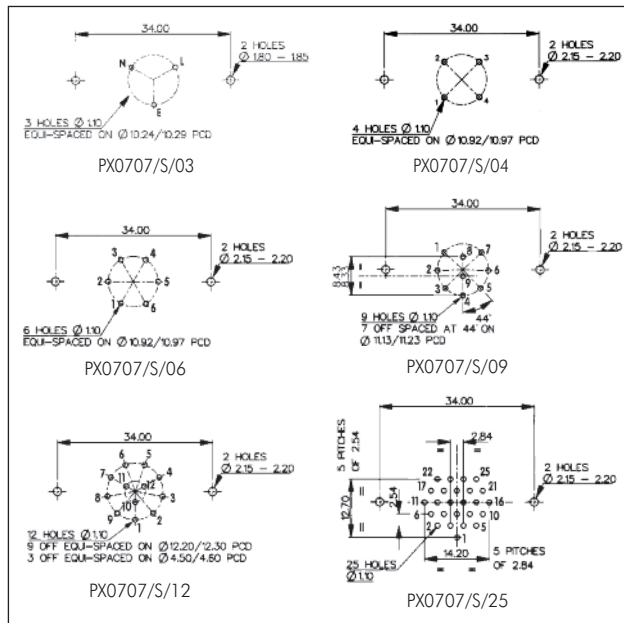
Sealing:	IP68, BS 5490 : 1977 Tested @ 1.054kg/sq.cm. (15lb/sq.in.) 10m depth for 2 weeks. BSEN 60529 : 1992 Tested @ 9.84kg/sq.cm. (140lb/sq.in.) 100m depth for 12 hours.
Cable Acceptance:	
2-12 Pole - standard gland:	6-8mm dia
2-12 Pole - alternative glands:	3.5-9mm dia
25 Pole - standard gland:	7-9mm dim
25 Pole - alternative glands:	3.5-7mm dim
BNC 50Ω:	RG 58/CU, URM43 & URM76
BNC 75Ω:	URM70
Contact Accommodation:	
2 and 3 pole screw terminals:	4mm ² (12AWG) max
3 pole crimp:	
4, 6 and 7 pole:	1.5mm ² (16AWG) max
9 pole:	0.12-0.21mm ² (24-26AWG)
12 pole:	0.32mm ² (22-26AWG) max
25 pole:	0.12-0.21mm ² (24-26AWG)
Terminations:	
2-7 Pole:	Screw Terminals
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.)
Surface/Bulkhead and Low Profile Flange Mounting:	4 Fixing Screws (using washers supplied) 0.34Nm (3lbf.in.)
Sealings Caps/Locking Ring:	1.13Nm (10lbf.in.)

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PCB LAYOUTS

Sockets

Contact Nos viewed from rear of panel



Pins

Contact Nos viewed from rear of panel

