6000 Series Buccaneer®

bulgin
a brand of Elektron Technology

Robust, instant connections for harsh environments

The all metal construction 6000 Series Buccaneer - circular connectors that combine the ease of use of a push/pull coupling mechanism with proven environmental sealing for signal and mains power.
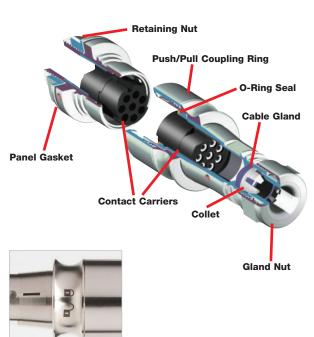
Designed and independently tested to IP66, IP68 & IP69K standards, they are ideal for applications where ingress of dust and water must be avoided and where ease of connection, space and appearance are important considerations

IP66

IP68

IP69K

For Power
METAL VERSION

Retaining Nut
Push/Pull Coupling Ring
O-Ring Seal
Cable Gland
Panel Gasket
Contact Carriers
Collet
Gland Nut

● **Push/pull latching mechanism***	Secure, instant latching. Quick connector mating and release
● **30° twist locking***	Tamperproof lock prevents accidental un-mating
● **IP66, IP68 and IP69K when mated**	Suitable for a wide range of dust and water borne environments
● **All metal body version; brass, nickel plated**	Robust construction offering protection against EMI
● **Flex, flex in-line & panel mount body styles, with sealing caps**	Complete family of products maintain sealing integrity in all styles
● **Polarisation and visual alignment features**	Aids the correct mating of connectors
● **2 to 22 poles – up to 16A, 277V rated**	Suitable for mains power to signal applications
● **'Scoop proof' contacts**	Prevents damage through mis-mating – ideal for 'blind mating' applications
● **Cable braid termination accessory**	Maintains continuity between cable screen and connector body
● **cULus, VDE, CCC approvals** (pending)	Internationally recognised certification

*patent applied for
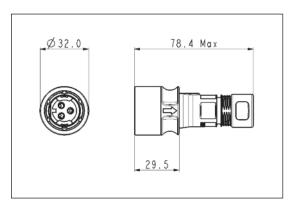
Metal Version

FLEX CABLE CONNECTOR

PXM6010/P

- Mates with In-Line Flex or Panel Mounting versions PXM6011 and PXM6012
- Push/pull locking ring with 30° twist locking
- Pin or socket versions
- Leading earth on 3 pole connectors
- 2, 3, 8, 16 and 22 pole
- Screw and crimp termination
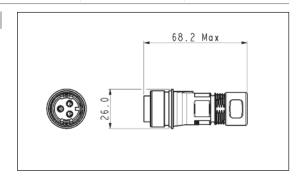- Cable braid termination accessory option, add /SN suffix

Poles	Termination	Pin Contacts	Socket Contacts	Contacts
2	Screw	PXM6010/02P/ST	PXM6010/02S/ST	Supplied Fitted
2	Crimp	PXM6010/02P/CR	PXM6010/02S/CR	Order Separately
3	Screw	PXM6010/03P/ST	PXM6010/03S/ST	Supplied Fitted
3	Crimp	PXM6010/03P/CR	PXM6010/03S/CR	Order Separately
8	Crimp	PXM6010/08P/CR	PXM6010/08S/CR	Order Separately
16	Crimp	PXM6010/16P/CR	PXM6010/16S/CR	Order Separately
22	Crimp	PXM6010/22P/CR	PXM6010/22S/CR	Order Separately

IN-LINE FLEX CABLE CONNECTOR

PXM6011/S

- Mates with Flex Cable connector PXM6010
- For in-line cable connection
- Pin or socket versions
- Leading earth on 3 pole connectors
- 2, 3, 8, 16 and 22 pole
- Screw and crimp termination
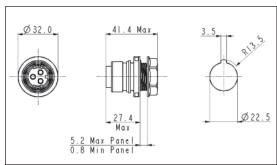- Cable braid termination accessory option, add /SN suffix

Poles	Termination	Pin Contacts	Socket Contacts	Contacts
2	Screw	PXM6011/02P/ST	PXM6011/02S/ST	Supplied Fitted
2	Crimp	PXM6011/02P/CR	PXM6011/02S/CR	Order separately
3	Screw	PXM6011/03P/ST	PXM6011/03S/ST	Supplied Fitted
3	Crimp	PXM6011/03P/CR	PXM6011/03S/CR	Order separately
8	Crimp	PXM6011/08P/CR	PXM6011/08S/CR	Order separately
16	Crimp	PXM6011/16P/CR	PXM6011/16S/CR	Order separately
22	Crimp	PXM6011/22P/CR	PXM6011/22S/CR	Order separately

FRONT PANEL MOUNTING CONNECTOR

PXM6012/S

- Mates with Flex Cable connectors PXM6010
- Front panel mounting
- Single hole fixing
- Pin or socket versions
- Leading earth on 3 pole connectors
- 2, 3, 8, 16 and 22 pole
- Screw and crimp termination

Poles	Termination	Pin Contacts	Socket Contacts	Contacts
2	Screw	PXM6012/02P/ST	PXM6012/02S/ST	Supplied Fitted
2	Crimp	PXM6012/02P/CR	PXM6012/02S/CR	Order separately
3	Screw	PXM6012/03P/ST	PXM6012/03S/ST	Supplied Fitted
3	Crimp	PXM6012/03P/CR	PXM6012/03S/CR	Order separately
8	Crimp	PXM6012/08P/CR	PXM6012/08S/CR	Order separately
16	Crimp	PXM6012/16P/CR	PXM6012/16S/CR	Order separately
22	Crimp	PXM6012/22P/CR	PXM6012/22S/CR	Order separately

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Metal Version

CRIMP CONTACTS

- Crimp Contacts
- Gold Plated
- Current ratings:
  - 2 & 3 pole : 16A
  - 8 pole : 10A
  - 16 pole : 3A
  - 22 pole : 2A

2, 3, 8, 16 & 22 pole contacts

Contacts - Crimp for 2, 3, 8, 16 and 22 pole

Contacts (for 2 & 3 pole) (Supplied in packs of 10)	Crimp
Pins	SA3545/P
Sockets	SA3545/S

Contacts (for 8 pole) (Supplied in packs of 10)	Crimp
Pins	SA3544/P
Sockets	SA3544/S

Contacts (for 16 & 22 pole) (Supplied in packs of 10)	Crimp
Pins	SA3542/P
Sockets	SA3542/S

CRIMP TOOLING

- Crimp Tools for 2, 3, 8, 16 and 22 pole crimp contacts

PNo 14232

Crimp Tooling

Crimp Tool (2 & 3 pole)	PNo. 14232
Positioner (2 & 3 pole)	PNo. 14232/2/SP
Crimp Tool (8, 16 & 22 pole)	PNo. 14025
Positioner (8 pole)	PNo. 15021/SP
Positioner (16 & 22 pole)	PNo. 15019/SP

INSERTION/EXTRACTION TOOLS

- Insertion/Extraction Tool for 2, 3, 8, 16 and 22 pole contacts

PNo 14946

Insertion/Extraction Tools

Insertion/Extraction Tool (2 & 3 pole)	PNo. 14946/SP
Insertion/Extraction Tool (8 pole)	PNo. 14945/SP
Insertion/Extraction Tool (16 & 22 pole)	PNo. 14944/SP

CONTACT CARRIER REMOVAL TOOL

- For removal of all contact carriers

PNo 14917

Tools

Contact carrier removal tool (all poles)	PNo. 14917/SP