# 6000 Series Buccaneer®



# 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.



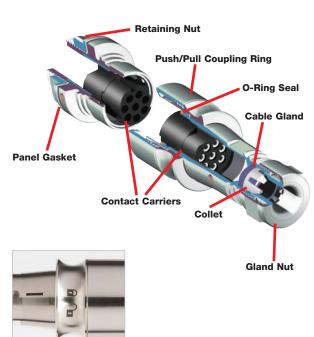
Designed and independently tested to IP66, IP68 & IP69K standards, they are ideal for applications where ingress of dust and water must be avoided and where ease of connection, space and appearance are important considerations



#### **For Power**

METAL VERSION





| 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                                      |
| <ul><li>2 to 22 poles – up to 16A, 277V rated</li></ul>         | 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               |
| <ul> <li>cULus, VDE, CCC approvals (pending)</li> </ul>         | Internationally recognised certification                                   |

\*patent applied for

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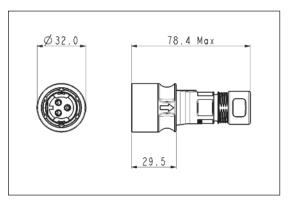
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## Metal Version



- 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

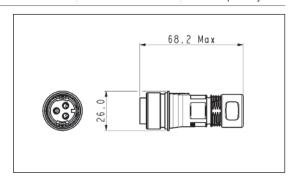


| Poles | Termination | Pin Contacts   | <b>Socket Contacts</b> | Contacts         |
|-------|-------------|----------------|------------------------|------------------|
| 2     | Screw       | PXM6010/02P/ST | PXM6010/02S/ST         | Supplied Fitted  |
| 2     | Crimp       | PXM6010/02P/CR | PXM6010/02S/CR         | 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**



- 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

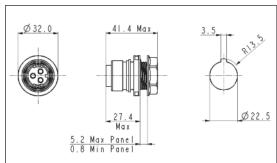


| Poles | Termination | Pin Contacts   | <b>Socket Contacts</b> | Contacts         |
|-------|-------------|----------------|------------------------|------------------|
| 2     | Screw       | PXM6011/02P/ST | PXM6011/02S/ST         | Supplied Fitted  |
| 2     | Crimp       | PXM6011/02P/CR | PXM6011/02S/CR         | 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



- 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   | <b>Socket Contacts</b> | 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
- Gold Plated
- Current ratings:

2 & 3 pole : 16A 8 pole : 10A 16 pole : 3A 22 pole : 2A

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

| Contacts (for 2 & 3 pole)<br>(Supplied in packs of 10)   | Crimp    |
|--|----------|
| Pins   | SA3545/P |
| Sockets  | SA3545/S |
| Contacts (for 8 pole)<br>(Supplied in packs of 10)       | Crimp    |
| Pins   | SA3544/P |
| Sockets  | SA3544/S |
| Contacts (for 16 & 22 pole)<br>(Supplied in packs of 10) | Crimp    |
| Pins   | SA3542/P |
| Sockets  | SA3542/S |



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

# Crimp Tooling Crimp Tool (2 & 3

Crimp Tool (2 & 3 pole)
Positioner (2 & 3 pole)
Crimp Tool (8, 16 & 22 pole)
Positioner (8 pole)
Positioner (16 & 22 pole)

PNo. 14232 PNo. 14232/2/SP PNo. 14025 PNo. 15021/SP PNo. 15019/SP

# PNo 14946

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

#### Insertion/Extraction Tools

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



For removal of all contact carriers

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

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