

# PX0749/S Datasheet

**Product Name** // Inline Cable Connector PX0749 Series 4  
**Contact Socket Screw Termination (Contacts Supplied Fitted) 6mm-8mm Cable Black Insert And Gland Nut**

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// **Product Description:**

- Inline Cable Connectors
  - Water and dustproof to IP68 when mated with compatible connector
  - Plug or Socket
  - 2, 3, 4, 6, 7, 9, 12, 25 Contact with leading Earth contact on 3 Contact Socket versions
  - Screw, Crimp, Crimp/Solder Terminations available depending on part code and number of Contacts
  - Screw contacts supplied fitted, Crimp contacts supplied loose (Crimp/Solder contacts and fitting tools available separately)
  - Choice of cable acceptance 3.5mm-9mm diameter depending on part code (see data for details)
- Cable Glands for differing cable diameters available separately individually or in packs
  - Cable Support accessory 12237 available separately to provide extra support for smaller cables (5mm-9mm diameter)
  - Choice of coloured inserts/gland nuts to enable positive visual identification of connector:
  - Part codes suffixed with a colour code followed by 2 have that colour insert with black gland nut, part codes suffixed with a colour code followed by 1 have the same colour insert and gland nut
  - Colour choices and colour codes: Blue (BL), Green (GN), Grey (GY), Light Grey (LG), Red (RD), White (WH), Yellow (YL), Black (standard colour, no suffix code)
  - PX0733 Sealing Cap available separately to maintain IP rating of unmated connectors
  - Mate with PX07 Series Inline and Panel Mount Connectors

// **General Information:**

|                                 |                              |
|---------------------------------|------------------------------|
| Product Display Title:          | Inline Cable Connectors      |
| Product Family:                 | Circular Power Connectors    |
| Product Series:                 | Standard Buccaneer           |
| Approvals:                      | CSA, UL, VDE                 |
| Body Material:                  | Polyamide (PA)- Glass Filled |
| Body Material Type:             | Plastic Body                 |
| Contact Type:                   | Socket Contact               |
| Coupling Type:                  | Screw                        |
| Current Max:                    | 10A, 6A                      |
| Diameter Over Coupling Ring Mm: | 38.1mm                       |
| Flamability Rating:             | UL94HB                       |
| Function:                       | Inline Cable Connector       |
| Insert Colour:                  | Black Insert And Gland Nut   |
| Ip Rating:                      | IP68, IP69K                  |
| Max Cable Entry Size:           | 8mm                          |
| Min Cable Entry Size:           | 6mm                          |
| Max Contact Accomodation Awg:   | 17AWG                        |
| Min Contact Accomodation Awg:   | 16AWG                        |
| Max Contact Accomodation Mm2:   | 1.5mm2                       |
| Min Contact Accomodation Mm2:   | 1mm2                         |
| Max Operating Temperature:      | +70°C                        |
| Min Operating Temperature:      | -20°C                        |
| Number Of Contacts:             | 4 Contacts                   |
| Rohs Compliant:                 | Yes                          |
| Voltage Max:                    | 277V                         |

// **Product PDF Links**

-  Standard Series power connectors...
-  Standard Series power connectors...

// **Product 3D CAD Model Links**

-  PX0749/S3D CAD Model



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