

**Product Name // Inline Cable Connector PX0746 Series 7**  
**Contact Plug 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:	Plug Contact
Coupling Type:	Screw
Current Max:	3A, 5A
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:	1.5mm <sup>2</sup>
Min Contact Accomodation Mm2:	1mm <sup>2</sup>
Max Operating Temperature:	+70°C
Min Operating Temperature:	-20°C
Number Of Contacts:	7 Contacts
Voltage Max:	277V

#### // Product PDF Links

[Standard Series power connectors...](#)
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#### // Product 3D CAD Model Links

[PX0746/P3D CAD Model](#)