

Product Name // Inline Cable Connector PX0746 Series 7
Contact Socket Screw Termination (Contacts Supplied Fitted) 3.5mm-5mm 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:	UL
Body Material:	Polyamide (PA)- Glass Filled
Body Material Type:	Plastic Body
Contact Type:	Socket Contact
Coupling Type:	Screw
Current Max:	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
Max Cable Entry Size:	5mm
Min Cable Entry Size:	3.5mm
Max Contact Accomodation Awg:	17AWG
Min Contact Accomodation Awg:	16AWG
Max Contact Accomodation Mm2:	1.5mm ²
Min Contact Accomodation Mm2:	1mm ²
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/S/043D CAD Model](#)