

PX0746/S Datasheet

Product Name // Inline Cable Connector PX0746 Series 7
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:	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:	1.5mm2
Min Contact Accomodation Mm2:	1mm2
Max Operating Temperature:	+70°C
Min Operating Temperature:	-20°C
Number Of Contacts:	7 Contacts
Rohs Compliant:	Yes
Voltage Max:	277V

// **Product PDF Links**

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

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

-  PX0746/S3D CAD Model



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