

# PX0731/S Datasheet

**Product Name // Flex Cable Connector PX0731 Series 3**  
**Contact Socket Screw Termination (Contacts Supplied Fitted) 6mm-8mm Cable Black Insert And Gland Nut**

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| // Product Description:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <ul style="list-style-type: none"><li>Flex Cable Connectors</li><li>Water and dustproof to IP68 when mated with compatible connector</li><li>Plug or Socket</li><li>2, 3, 4, 6, 7, 9, 12, 25 Contact with leading Earth contact on 3 Contact Socket versions</li><li>Screw, Crimp, Crimp/Solder Terminations depending on part code and number of Contacts</li><li>Screw contacts supplied fitted, Crimp contacts supplied loose (Crimp/Solder contacts and fitting tools available separately)</li><li>Choice of cable acceptance 3.5mm-9mm diameter depending on part code (see data for details)</li></ul> | <ul style="list-style-type: none"><li>Cable Glands for differing cable diameters available separately individually or in packs</li><li>Cable Support accessory 12237 available separately to provide extra support for smaller cables (5mm-9mm diameter)</li><li>Choice of coloured inserts/gland nuts to enable positive visual identification of connector:</li><li>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</li><li>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)</li><li>PX0734 Sealing Cap available separately to maintain IP rating of unmated connectors</li><li>Mate with PX07 Series Inline and Panel Mount Connectors</li></ul> |

| // General Information:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| <p>Product Display Title:</p> <p>Product Family:</p> <p>Product Series:</p> <p>Approvals:</p> <p>Body Material:</p> <p>Body Material Type:</p> <p>Contact Type:</p> <p>Coupling Type:</p> <p>Current Max:</p> <p>Diameter Over Coupling Ring Mm:</p> <p>Flamability Rating:</p> <p>Function:</p> <p>Insert Colour:</p> <p>Ip Rating:</p> <p>Max Cable Entry Size:</p> <p>Min Cable Entry Size:</p> <p>Max Contact Accomodation Awg:</p> <p>Min Contact Accomodation Awg:</p> <p>Max Contact Accomodation Mm2:</p> <p>Min Contact Accomodation Mm2:</p> <p>Max Operating Temperature:</p> <p>Min Operating Temperature:</p> <p>Number Of Contacts:</p> <p>Voltage Max:</p> | <p>Flex Cable Connectors</p> <p>Circular Power Connectors</p> <p>Standard Buccaneer</p> <p>CSA, UL, VDE</p> <p>Polyamide (PA)- Glass Filled</p> <p>Plastic Body</p> <p>Socket Contact</p> <p>Screw</p> <p>10A, 12A</p> <p>38.1mm</p> <p>UL94HB</p> <p>Flex Cable Connector</p> <p>Black Insert And Gland Nut</p> <p>IP68, IP69K</p> <p>8mm</p> <p>6mm</p> <p>12AWG</p> <p>14AWG</p> <p>4mm2</p> <p>2.5mm2</p> <p>+70°C</p> <p>-20°C</p> <p>3 Contacts</p> <p>277V</p> |

// Product PDF Links

 Standard Series power connectors...

 Standard Series power connectors...

// Product 3D CAD Model Links

 PX0731/S3D CAD Model