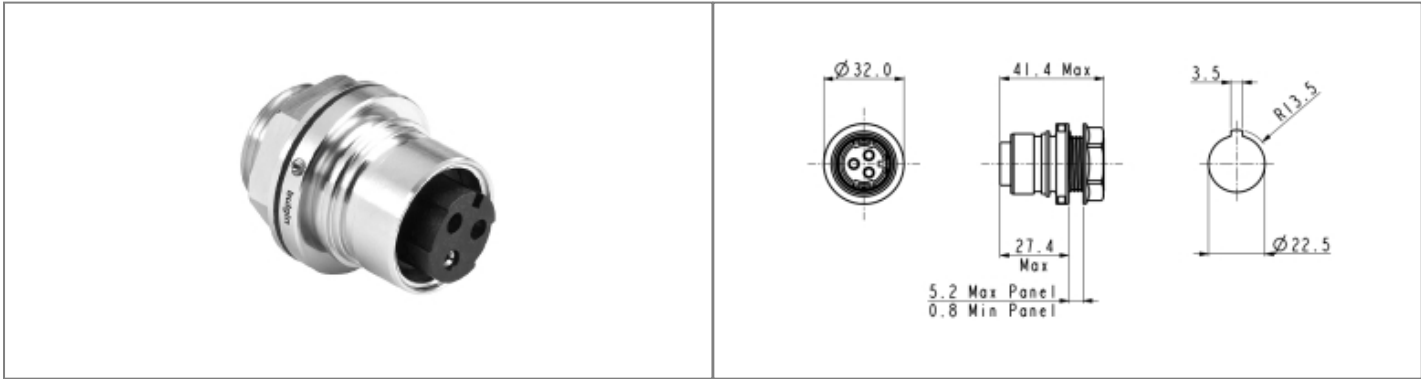


# PXM6012/02S/ST Datasheet

**Product Name // Front Panel Mount Connector PXM6012**  
**Series 2 Contact Socket Screw Termination (contacts supplied fitted) Metal Body**

 [View Product Page](#)



**// Product Description:**

- |                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>Front Panel Mount Connectors</li><li>Water and dustproof to IP66, IP68, IP69K when mated with compatible connector</li><li>30 degree push twist locking, tamperproof lock prevents accidental un-mating</li><li>Socket</li><li>2 Contacts</li></ul> | <ul style="list-style-type: none"><li>Screw contacts supplied fitted</li><li>Metal Body</li><li>PXM6083 Sealing Cap available separately to maintain IP rating of unmated connectors</li><li>Mate with PXM6010 Series Flex Connectors</li></ul> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**// General Information:**

|                                 |                                |
|---------------------------------|--------------------------------|
| Product Display Title:          | Front Panel Mount Connectors   |
| Product Family:                 | Circular Power Connectors      |
| Product Series:                 | 6000 Series Buccaneer          |
| Approvals:                      | cUL, UL, VDE                   |
| Body Colour:                    | Metallic Grey                  |
| Body Material:                  | Brass                          |
| Body Material Type:             | Metal Body                     |
| Contact Type:                   | Socket Contact                 |
| Coupling Type:                  | Push-Twist                     |
| Current Max:                    | 16A, 11A                       |
| Diameter Over Coupling Ring Mm: | 32mm                           |
| Function:                       | Front Panel Mount Connector    |
| Insulation Resistance:          | >10 <sup>6</sup> MΩ @500V DC   |
| Ip Rating:                      | IP66, IP68, IP69K              |
| Max Contact Accomodation Awg:   | 14AWG                          |
| Min Contact Accomodation Awg:   | 14AWG                          |
| Max Contact Accomodation Mm2:   | 0.52mm2                        |
| Min Contact Accomodation Mm2:   | 0.52mm2                        |
| Max Operating Temperature:      | +120°C                         |
| Min Operating Temperature:      | -40°C                          |
| Max Panel Thickness:            | 5.2mm                          |
| Min Panel Thickness:            | 0.8mm                          |
| Number Of Contacts:             | 2 Contacts                     |
| Panel Cut Out:                  | 22.50xR13.5-3.5mm              |
| Rohs Compliant:                 | Yes                            |
| Salt Spray Corrosion Test:      | EN60068-2-11 Test Ka Salt Mist |
| Thread Size:                    | M22x1.5-6g                     |
| Voltage Max:                    | 277V                           |

**// Product PDF Links**

-  [6000 Series power connectors...](#)
-  [6000 Series metal body power...](#)

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

-  [PXM6012/02S/ST3D CAD Model](#)



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