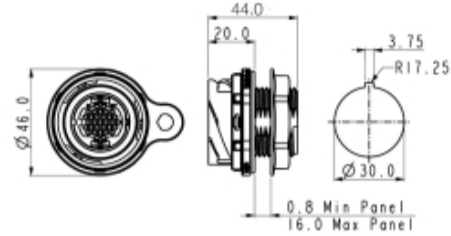


# PXM7012/32P/CR Datasheet

**Product Name // Front Panel Mount Connector PXM7012**  
**Series 32 Contact Plug Crimp/Solder Termination (contacts available separately) Metal Body**

[View Product Page](#)



## // Product Description:

- ⊕ Front Panel Mount Connectors
- ⊕ Water and dustproof to IP66, IP68, IP69K when mated with compatible connector
- ⊕ Quick turn locking ring with less than quarter turn locking and positive feedback
- ⊕ Plug or Socket
- ⊕ 2, 3, 6, 10, 32 Contact with leading Earth contact on 3 Contact versions
- ⊕ Screw, Crimp/Solder terminations available, depending on part code; Screw contacts supplied fitted, Crimp/Solder contacts and fitting tools available separately
- ⊕ Choice of body material depending on part code:
- ⊕ Plastic body (part codes prefixed PXP). PXP7082 (plastic) and PXM7082 (metal) Sealing Caps available separately to maintain IP rating of unmated connectors
- ⊕ Metal body (part codes prefixed PXM). PXM7083 Sealing Cap available separately to maintain IP rating of unmated connectors
- ⊕ Mate with PXP7010/PXM7010 Series Flex Connectors

## // General Information:

|                                 |                              |
|---------------------------------|------------------------------|
| Product Display Title:          | Front Panel Mount Connectors |
| Product Family:                 | Circular Power Connectors    |
| Product Series:                 | 7000 Series Buccaneer        |
| Approvals:                      | cUL, UL                      |
| Body Material:                  | Zinc Alloy - Nickel Plated   |
| Body Material Type:             | Metal Body                   |
| Contact Type:                   | Plug Contact                 |
| Coupling Type:                  | Bayonet Lock                 |
| Current Max:                    | 2A, 3A                       |
| Diameter Over Coupling Ring Mm: | 42mm                         |
| Flamability Rating:             | UL94V-0                      |
| Function:                       | Front Panel Mount Connector  |
| Ip Rating:                      | IP66, IP68, IP69K            |
| Max Contact Accomodation Awg:   | 26AWG                        |
| Min Contact Accomodation Awg:   | 22AWG                        |
| Max Contact Accomodation Mm2:   | 0.33mm2                      |
| Min Contact Accomodation Mm2:   | 0.13mm2                      |
| Max Operating Temperature:      | +120°C                       |
| Min Operating Temperature:      | -40°C                        |
| Number Of Contacts:             | 32 Contacts                  |
| Voltage Max:                    | 600V                         |

### // Product PDF Links

[7000 Series power connectors...](#)

[7000 Series metal body power...](#)

### // Product 3D CAD Model Links

[PXM7012/32P/CR3D CAD Model](#)