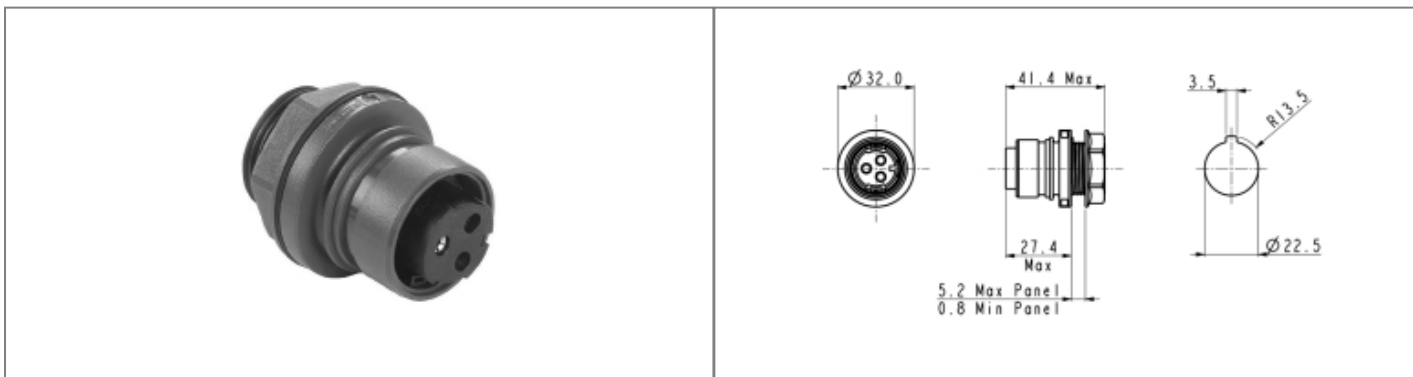


# PXP6012/08P/CR Datasheet

**Product Name // Front Panel Mount Connector PXP6012**  
**Series 8 Contact Plug Crimp/Solder Termination (contacts available separately) Plastic Body**

[View Product Page](#)



## // Product Description:

- ⊞ Front Panel Mount Connectors
- ⊞ Water and dustproof to IP66, IP68, IP69K when mated with compatible connector
- ⊞ 30 degree push twist locking, tamperproof lock prevents accidental un-mating
- ⊞ Plug
- ⊞ 8 Contacts
- ⊞ Crimp/solder termination with contacts and fitting tool available separately
- ⊞ Plastic Body
- ⊞ PXP6083 Sealing Cap available separately to maintain IP rating of unmated connectors
- ⊞ Mate with PXP6010 Series Flex Connectors

## // 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:	Grey
Body Material:	Polycarbonate/Polybutylene Terephthalate (PC/PBT)
Body Material Type:	Plastic Body
Contact Type:	Plug Contact
Coupling Type:	Push-Twist
Current Max:	10A, 4A, 7A
Diameter Over Coupling Ring Mm:	32mm
Flamability Rating:	UL94V-0
Function:	Front Panel Mount Connector
Insulation Resistance:	>10 <sup>6</sup> MΩ @500V DC
Ip Rating:	IP66, IP68, IP69K
Max Contact Accomodation Awg:	20AWG
Min Contact Accomodation Awg:	16AWG
Max Contact Accomodation Mm2:	1.3mm <sup>2</sup>
Min Contact Accomodation Mm2:	0.52mm <sup>2</sup>
Max Operating Temperature:	+120°C
Min Operating Temperature:	-40°C
Max Panel Thickness:	5.2mm
Min Panel Thickness:	0.8mm
Number Of Contacts:	8 Contacts
Panel Cut Out:	22.50xR13.5-3.5mm
Rohs Compliant:	Yes
Salt Spray Corrosion Test:	EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1
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

[PXP6012/08P/CR3D CAD Model](#)



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