

# PXV0745/S/05 Datasheet

## Product Name // Vitalis Buccaneer Flex Range (7 Contact)

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### // Product Description:

- ⊕ PXV0745/S/05 provides a PCF reduction of 8.7 kg CO<sub>2</sub>e per 100 units compared to the equivalent Standard Series Buccaneer part number
- ⊕ Flex Cable Connector
- ⊕ Water and dustproof to IP68 when mated with compatible connectors
- ⊕ Socket contacts
- ⊕ 7 pole
- ⊕ Screw contacts, supplied fitted
- ⊕ 5mm-7mm diameter cable acceptance
- ⊕ Cable Glands for differing cable diameters available separately individually or in packs
- ⊕ Cable Support accessory 12237/R available separately
- ⊕ PXV0734 Sealing Cap available separately to maintain IP rating of unmated connectors
- ⊕ Mates with Standard Vitalis Series (PXV) and Standard Series (PX) Buccaneer Inline, Panel Mount and Flange Mount Connectors

### // General Information:

Product Display Title:	Vitalis Buccaneer Flex Range (7 Contact)
Product Family:	Circular Power Connector
Product Series:	Standard Vitalis Buccaneer
Approvals:	UL, VDE
Body Colour:	Black
Body Material:	Polyamide (PA)- Glass Filled
Body Material Type:	Plastic Body
Contact Type:	Socket Contact
Coupling Type:	Screw
Current Max:	5A
Diameter Over Coupling Ring Mm:	38.1mm
Flamability Rating:	UL94HB
Function:	Flex Cable Connector
Insert Colour:	Black Insert And Gland Nut
Ip Rating:	IP68, IP69K
Max Cable Entry Size:	7mm
Min Cable Entry Size:	5mm
Max Contact Accomodation Awg:	16AWG
Min Contact Accomodation Awg:	17AWG
Max Contact Accomodation Mm2:	1.5mm <sup>2</sup>
Min Contact Accomodation Mm2:	1mm <sup>2</sup>
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 Vitalis Buccaneer Product...](#)

#### // Product 3D CAD Model Links

[PXV0745/S/053D CAD Model](#)